

TYPE

March 2013.

Type Book

Type designers
Graphic designers
2013

A-Z

Alphabet

Conceptual Typography &
Typography for Expression
and Experimentation.

The Art Institutes Dallas

Final Project Type Book
by: Wales Goriola.

Wales Goriola



Editorial

Type Book

Art Director & Designer:

Wales Goriola

The Art institutes Dallas
Final Project Type Book

March 2013

Conceptual Typography & Typography
for Expression and Experimentation
Alphabet

Content



Matthew Carter
C



Jessica Hische
H

4	Content
A	Ascender
B	Jill Bell - American Type Designer
C	Matthew Carter - British type Designer
D	Drop Caps Design
E	Environmental Signage
F	Font Design
G	Johann Gutenberg - German Type Designer

H	Jessica Hische
I	Innovators of Expressive Typography Research
J	Nicholas Jenson - French Type Designer
K	Susan Kare - User Interface Graphics Designer
L	Label Design
M	Max Meidinger - Swiss Type Designer
N	Numerals



Susan Kare
K

- O Organic
- P Packaging
- Q Quantitative
- R Paul Renner
- S Structure -Fictional Characters of a Typeface
- T Terminal
- U Uppercase
- V Rudy Vanderlans



Hermann Zapf
Z

- W Word as Image
- X xheight
- Y Richard Yeend
- Z Hermann Zapf (Type Designer)
- Work Cited & Credits

A



Handglove

ASCENDERS

Ascender

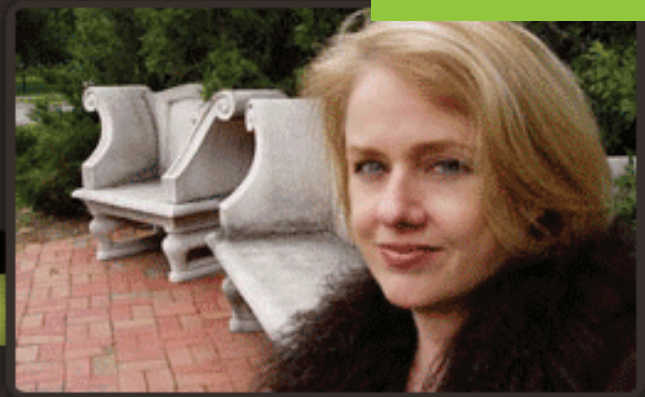
An upward vertical stroke found on the part of lowercase letters that extends above the typeface's x-height.

In typography, the upward vertical stem on some lowercase letters, such as h and b, that extends above the x-height is the ascender. The height of the ascenders is an identifying characteristic of many typefaces.

The ascenders of some letters may touch or almost touch letters in the line above causing awkward or distracting patterns. This is most likely to happen or be obvious when a line of text with tall ascenders is below a line of text with long descenders. To resolve the problem of touching ascenders and descenders you can: Increase

the leading (line spacing) between lines of type; Choose a different typeface; For headlines and subheads, some careful editing/re-wording can eliminate the problem; Changing the alignment of the text may also help.

Also Known As: ***Extender***



Some of her work:



Jill Bell

About Jill Bell:

A graduate of UCLA and Otis/Parsons, Jill has worked for herself as a graphic artist primarily creating letter forms for over two decades. Previously she worked as sign painter in a shop and as a production artist for Saul Bass. In her teens she thought she'd be a painter, a writer or a professional photographer and her love for those things has not diminished.

Jill Bell's work has appeared in various shows, annuals and

books, has been written about in newspapers, journals and magazines (How, Step-by-Step, Letter Arts Review, etc.). She has spoken at numerous schools, universities, clubs, professional organizations and conferences such as TypeCon, Seybold, ATypI, TypoTechnica and TypoBerlin (see sidebar to left for more information).

Jill Bell Brandlettering creates original, custom lettering solutions of any kind (logos, titles, fonts, taglines,

handwriting) for all of the usual suspects: advertising, entertainment, packaging, editorial, corporate, publishing, government as well as other designers and most of the the major type houses.

Bruno
 abcdefghijklmnopqrstuvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 1234567890

Bruno Bold
 abcdefghijklmnopqrstuvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 1234567890

C

Work Samples:

Matthew Carter



British Type Designer

FRESH
AMBROSIAL
SPIRITED

EXTRACTs &
PERFUMES



Matthew Carter is one of the few type designers who have created typefaces for fonts in metal, photo and the digital medium. This is even more remarkable when considering that his career began slightly by happenstance. In the brief time between secondary school and Oxford University, the then 19-year-old Carter trained at Enschedé type foundry in the Netherlands. This internship enabled him to learn punchcutting from P.H. Rädish, a master of the craft. Carter's Enschedé experience sealed his fate. By the time he returned to London in 1956, his self-imposed "life sentence in type" had begun.

Born in London in 1937, Matthew Carter inherited a love for type from his father, printing historian Harry Carter. His son freelanced for several years in London, taking on sign painting and lettering jobs to sharpen his skills. In 1963, Carter was hired as typographic advisor to Crosfield Electronics, British agents for Photon@/Lumitype™ phototype machines. Lumitype fonts were made at Deberny and Peignot, where Adrian Frutiger was head of the type drawing office. Carter traveled frequently to Paris to work with Frutiger and his team.

In 1965, Carter moved to New York to work in the Brooklyn office of

Mergenthaler Linotype. Here he drew typefaces for photocomposition, including his popular Snell Roundhand® script. Carter returned to London in 1971, where he continued to freelance for Linotype. His body of work for Linotype included such diverse designs as the Galliard® type family and the Bell Centennial™ telephone directory types commissioned by AT&T.

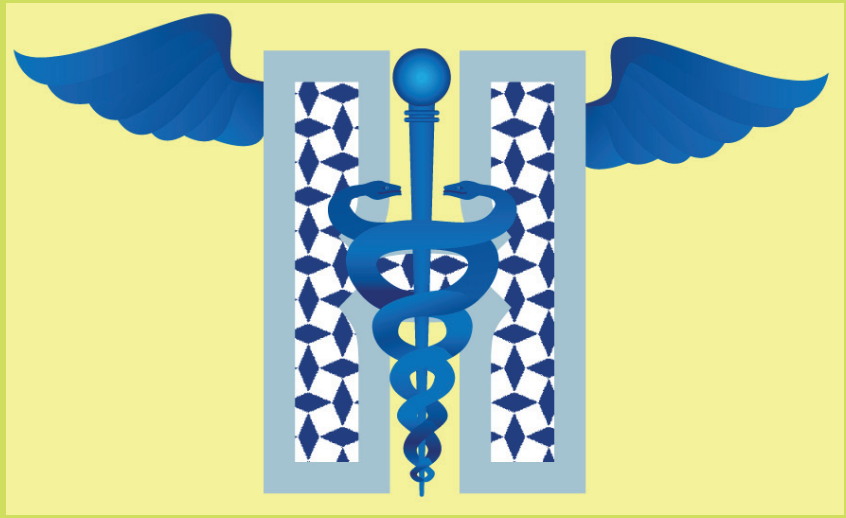
By 1981, sales of traditional typesetting equipment were declining rapidly. The need for a new business model in the type world was evident. Carter and several colleagues left Linotype to found Bitstream Inc., a pioneer in digital type.

Matthew Carter's typefaces include the following:

Bell Centennial	Olympian
Big Caslon	Rocky
Bitstream Charter	Shelley Script
Big Figgins	Snell Roundhand
Carter Sans	Skia
Cascade Script	Sophia
Elephant	Tahoma
Fenway	Verdana
ITC Galliard	Vincent
Gando	Walker
Georgia	Wilson Greek
Mantinia	Wrigley
	Yale



Drop Caps



rop caps design, After researching various drop cap designs, the drop cap design “D” presented above was inspired by Disney (Waltography) and flowery. The second cap drop design “S” was inspired by Stars, Ribbons, and Pattern. Using a Smudger let font base. While the third and the fourth drop cap design was inspired by Parchment font for the “G” with flowery and spring time. The “H” was inspired by Hospital, Medical-Health care, and Symbols. And I use Bellcent font for the “H”.

The drop caps design can be use in book as chapter openings, which emphasize the lead or introduction to main body of the content. It’s also help lead the eye to the main body of the content. The drop cap will also illuminates the content especially when use in black print and the drop caps print in colors.

The drop cap element will increase visual stimulation of the reader and they will also signal the start of a story or a change in focus. When use

online of a website design—it draws the customers (users) attention to stay on your site longer—hence increase revenue from online visit and purchase.

Types of publications where Drop caps can be used:

The drop cap design with the “H” will be more appropriate for a medical magazine print or newsletter for medical publication. The S and D will be appropriate for a community

magazine, Event publication, posters and children books. While the “G” will be appropriate for a religious book, or print and for a story book, Book publishing and Certificate, or a proclamation/declaration letter print.

E

Environmental Signage

Environmental signage provides orientation throughout the built environment. Effective signage assists visitors – especially first-time visitors – in navigating their way through facilities in a wide variety of industries, including healthcare, governmental, library, educational and retail. Environmental signage elements also act as a signature for the project’s identity, and as an extension of the brand.

Complementary

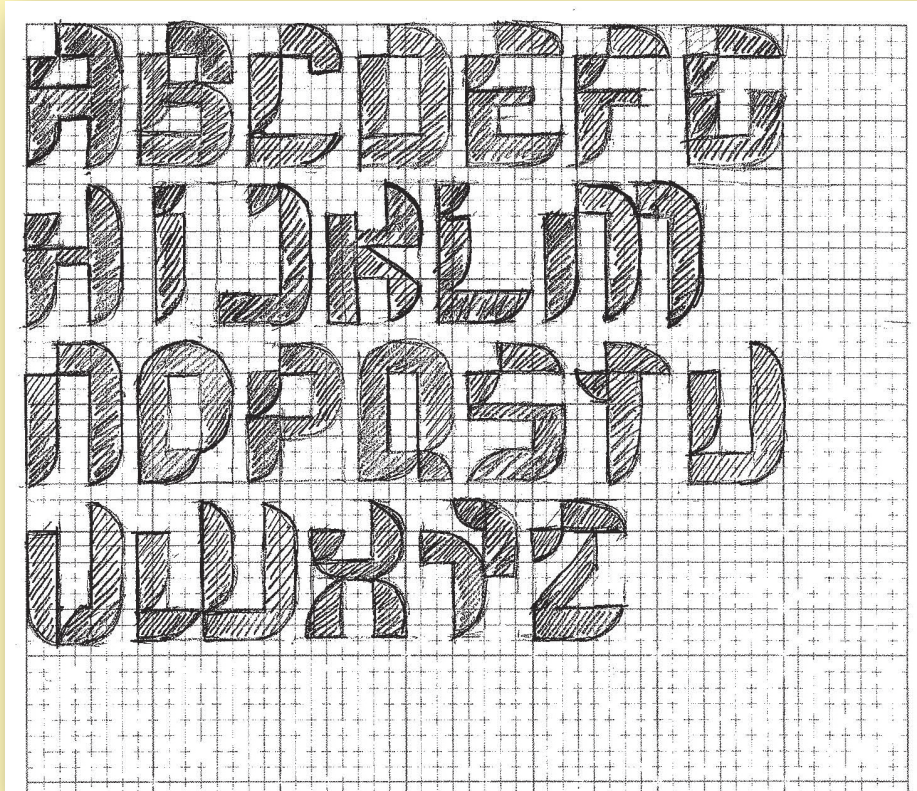
Effective environmental signage complements an environment, but does not overwhelm the architecture or the surroundings. To ensure the right balance between signage and the integrity of the environment, Visual Communications performs careful analyses so as to plan signage only at appropriate decision points. Messages are carefully plotted on a “message schedule” prior to creating the overall sign design. “Location plans” are then created, detailing the placement and position of all signage and to clearly depict all faces of the signage that will have messages.





F

Font Design



The Grid size used to create the geometric font: One inch with division of 4 grids was used for this project.

The grid sizes enable one to use a selected proportion within the 1" grid and this also allows for a clear shape that is balanced.

3 geometric structures were used as circles and squares and as rectangles to create and achieve the font design.

I use the same size of circle, and semi-circle, likewise the square and the rectangle of the same size and proportion to achieve a good shape for the font.

The letters were set together by using a fixed size on the grid to arrange all with the same spacing. While the spacing between the straight stem strokes and the round curve strokes has a larger gap than the rest. Where this newly designed font can be used in the graphic design industry:

It may be used as a title or header in poster design or magazine cover design for a band. It could also be used for community events and promotions.

This font design is suitable for the above purpose because of its digital-like shape—since it's bolder and for a geometric style.

אבגדהכזחט
חיצלמנ
נספqrstuv
עאבגדהכזחט

Creating a pangram from the alphabet.

Few black taxis drive up major roads on quiet hazy nights.

FEW BLACK TAXIS
DRIVE UP MAJOR
ROADS ON QUIET
HAZY NIGHTS

G



Johann Gutenberg

Type Designer

Johannes Gensfleisch zur Laden zum Gutenberg was a German blacksmith, goldsmith, printer, and publisher who introduced printing to Europe. His invention of mechanical movable type printing started the Printing Revolution and is widely regarded as the most important event of the modern period. It played a key role in the development of the Renaissance, Reformation, the Age of Enlightenment, and the Scientific Revolution and laid the material basis for the modern knowledge-based economy and the spread of learning to the masses.

Gutenberg was the first European to use movable type printing, in around 1439. Among his many contributions to printing are: the invention of a process for mass-producing movable type; the use of oil-based ink; and the use of a wooden printing press similar to the agricultural screw presses of

the period. His truly epochal invention was the combination of these elements into a practical system which allowed the mass production of printed books and was economically viable for printers and readers alike. Gutenberg's method for making type is traditionally considered to have included a type metal alloy and a hand mould for casting type.

The use of movable type was a marked improvement on the handwritten manuscript, which was the existing method of book production in Europe, and upon woodblock printing, and revolutionized European book-making. Gutenberg's printing technology spread rapidly throughout Europe and later the world.

His major work, the Gutenberg Bible (also known as the 42-line Bible), has been acclaimed for its high aesthetic and technical quality.

In nomine dei Amen que nos Genes

A principio creavit deus celum suum et terram. Terra autem erat inanis et vacua: et tenebre erant super faciem abyssi: et spiritus domini ferebatur super aquas. Dixitque deus. Fiat lux. Et facta est lux. Et vidit deus lucem quod esset bona: et divisit lucem a tenebris. appellavitque lucem diem et tenebras noctem. factumque est vespere et mane dies unus. Dixit quoque deus. Fiat firmamentum in medio aquarum: et dividat aquas ab aquis. Et fecit deus firmamentum: divisitque aquas que erant sub firmamento ab hijs que erant super firmamentum: et factum est ita. Vocavitque deus firmamentum celum: et factum est vespere et mane dies secundus. Dixit vero deus. Congregentur aque que sub celo sunt in locum unum et appareat arida. Et factum est ita. Et vocavit deus aridam terram: congregationesque aquarum appellavit maria. Et vidit deus quod esset bonum. et ait. Veniat terra herbarum viventem et facientem sementem: et lignum pomiferum faciens fructum iuxta genus suum: cuius semen in semetipso sit super terram. Et factum est ita. Et protulit terra herbam viventem et facientem sementem iuxta genus suum: lignumque faciens fructum et habes unumquodque sementem secundum speciem suam. Et vidit deus quod esset bonum: et factum est vespere et mane dies tertius. Dixitque autem deus. Fiant luminaria in firmamento celi: et dividant diem ac noctem: et sint in signa et tempora: et dies et annos: ut luceat in firmamento celi et illuminet terram. Et factum est ita. Fecitque deus duo luminaria magna: luminare maius ut presteret diem et luminare minus ut presteret noctem: et posuit eas in firmamento celi ut lucebant super terram: et

presterent diem ac noctem: et dividerent lucem ac tenebras. Et vidit deus quod esset bonum: et factum est vespere et mane dies quartus. Dixit etiam deus. Producant aque reptile anime viventes et volatile super terram: sub firmamento celi. Creavitque deus cetera grandia. et omnem animam viventem atque motabilem quam produxerant aque in species suas: et omne volatile secundum genus suum. Et vidit deus quod esset bonum: benedixitque ei dicens. Crescite et multiplicamini. et replete aquas maris: avesque multiplicentur super terram. Et factum est vespere et mane dies quintus. Dixit quoque deus. Producat terra animam viventem in genere suo: iumenta et reptilia. et bestias terre secundum species suas. factum est ita. Et fecit deus bestias terre iuxta species suas: iumenta et omnes reptiles terre in genere suo. Et vidit deus quod esset bonum: et ait. faciam hominem ad imaginem et similitudinem nostram: et prestat piscibus maris: et volatilibus celi: et bestiis uniuersis terre: omnique reptili quod mouetur in terra. Et creavit deus hominem ad imaginem et similitudinem suam: ad imaginem dei creavit illum: masculinum et feminam creavit eos. Benedixitque illis deus. et ait. Crescite et multiplicamini et replete terram. et subicite eam: et dominamini piscibus maris. et volatilibus celi: et uniuersis animantibus que mouentur super terram. Dixitque deus. Ecce dedi vobis omnem herbam assecram sementem super terram. et uniuersa ligna que habent in semetipsis seminem generis sui: ut sint vobis in escam: et cunctis animantibus terre. omnique volucri celi et uniuersis que mouentur in terra. et in quibus est anima vivens: ut habeant ad vescendum. Et factum est ita. Viditque deus cuncta que fecerat: et erant valde bona.

H



Jessica Hische

Jessica Hische is a letterer, illustrator, and self-described “avid internetter”. After graduating with a degree in Graphic and Interactive Design from Tyler School of Art (Temple University) in 2006, she worked for Headcase Design in Philadelphia before taking a position as Senior Designer at Louise Fili Ltd. While working for Louise, she learned most of her skills as a letterer and spent upwards of 16 hours every day working (9 for Louise, 7+ for freelance clients). After two and a half years, Jessica left to further her freelance career and embark on several fun personal projects. Jessica began Daily Drop Cap, a project in which every day she created a new illustrative letter, working through the alphabet a total of twelve times. At its peak, the site had more than 100,000 visitors per month. It culminated with a thirteenth alphabet, each letter crafted by a guest contributor.

Jessica has become as well known for her side projects as she has for her client work. While she doesn’t consider herself a web designer, many of her personal projects are web-centric. She’s created several educational micro-sites including Mom This is How Twitter Works, Should I Work for Free? and Don’t Fear

the Internet (with Russ Maschmeyer), each as entertaining as they are helpful. She coined the term “procrastiworking” to describe her tendency to procrastinate on client work by working on personal projects.

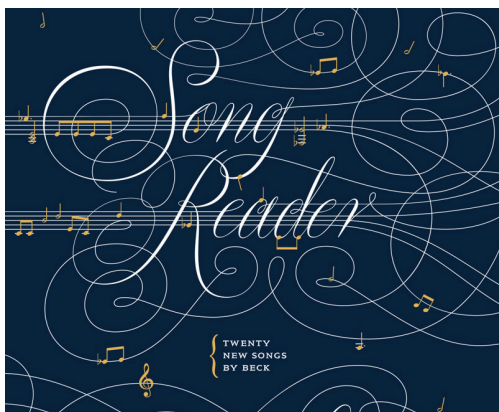
Jessica’s clients includes Wes Anderson, Tiffany & Co., The New York Times, Penguin Books, Target, Leo Burnett, American Express, and Wired Magazine. She has also released several commercial typefaces which are available in her store. Jessica has been named a Print Magazine New Visual Artist (20 under 30), one of Forbes 30 under 30 in Art and Design, an ADC Young Gun, a “Person to Watch” by GD USA, and one of 25 Emerging Artists by STEP Magazine. She’s been personally profiled in many magazines including Eye Magazine (UK), Communication Arts, Grafik Magazine (UK), and Novum Magazine (Germany). She is currently serving on the Type Directors Club Board of Directors and divides her time fairly evenly between San Francisco, Brooklyn, and airports en route to design and illustration conferences.

Work Samples:



Design Boom

Full page lettering and numbers to accompany an article about creatives bringing an indie spirit to mainstream design. I also happened to be one of the featured “visionaries” in the article!



Daily Drop Cap is a project I started in September of 2009 in which I illustrated a decorative letter every day (or at least every work day). The project continued for twelve alphabets and I'm now excited to start licensing them to vendors! I also sell beautiful letterpress prints of a select number of the drop caps in my store. Please visit dailydropcap.com to see the full project.



Jessica Hische

I

Innovators of Expressive Typography

Milton Glaser

To many, Milton Glaser is the embodiment of American graphic design during the latter half of this century. His presence and impact on the profession internationally is formidable. Immensely creative and articulate, he is a modern renaissance man — one of a rare breed of intellectual designer-illustrators, who brings a depth of understanding and conceptual thinking, combined with a diverse richness of visual language, to his highly inventive and individualistic work. *

Born in 1929, Milton Glaser was educated at the High School of Music and Art and the Cooper Union art school in New York and, via a Fulbright Scholarship, the Academy of Fine Arts in Bologna, Italy. He co-founded the revolutionary Pushpin Studios in 1954, founded *New York Magazine* with Clay Felker in 1968, established Milton Glaser, Inc. in 1974, and teamed with Walter Bernard in 1983 to form the publication design firm WBMG. Throughout his career, Glaser has been a prolific creator of posters and prints. His artwork has been featured in exhibits worldwide, including one-man shows at both the Centre Georges Pompidou in Paris and the Museum of Modern Art in New York. His work is in the permanent collections of many museums. Glaser also is a renowned graphic and architectural designer with a body of work

ranging from the iconic logo to complete graphic and decorative programs for the restaurants in the World Trade Center in New York. Glaser is an influential figure in both the design and education communities and has contributed essays and granted interviews extensively on design. Among many awards throughout the years, he received the 2004 Lifetime Achievement Award from the Smithsonian Cooper-Hewitt, National Design Museum, for his profound and meaningful long-term contribution to the contemporary practice of design.

* Excerpted from CSD, August/September, 1999 — “Milton Glaser: Always One Jump Ahead” by Patrick Argent

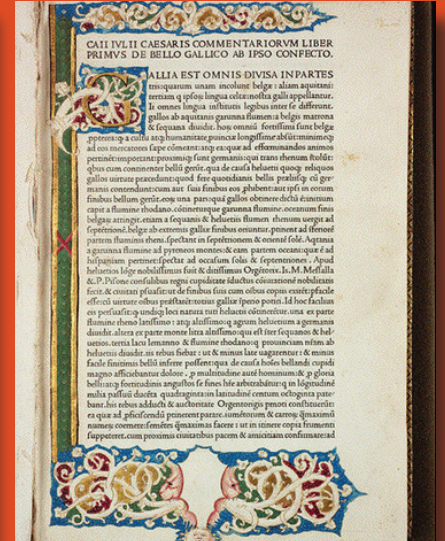


The Works:



J

Nicholas Jenson



In 1469 Johann de Spira set up the first printing press in Venice, when he was granted a five-year monopoly on the process in the city. When he died the following year, the press was taken over and continued by his brother Wendelin, but the monopoly lapsed, and printers flooded into Venice to take advantage of the free market. One such was Nicolas Jenson, a Frenchman by birth who had worked as Master of the Mint in Paris. In 1458 he was sent by the French King to Mainz to learn the art of type founding, punch cutting and printing, which has led to speculation that he was sent there to spy on the new process and bring the information back to France.

Whatever his motivation, he quickly acquired a reputation as a prolific and artistic punch cutter. He never returned to France, but journeyed south to set up a press in Venice. He went on to produce about 150 titles, including classical texts and religious books. He developed several handsome typefaces: a noble Roman fount, which was first used in 1470 to print Eusebius's *De Evangelica Praeparatione*; a Greek typeface that was used for quotations within the text; and a Black letter or Gothic fount, which was used to print books on history and medicine.

Jenson was a highly successful businessman as well as a printer and punch cutter. He enjoyed the

patronage of Pope Sixtus IV, who made him a papal count in 1475.

Fonts designed by Nicolas Jenson:

- Jenson Classico
- Adobe Jenson Pro
- Adobe Jenson Pro Bold
- Adobe Jenson Pro Caption
- Adobe Jenson Pro Display
- Adobe Jenson Pro Italic
- Adobe Jenson Pro Subhead

Incipit epl's facti Hieronymi ad Paulinū
pb'z. de oib' diuine historie libris Capl. I



Fratrater am

brosius tuā mi-
hi manuscula
pferens dēculit
simul 7 suauissi-
mas litteras: q̄
a principio ami-
citiarū fidē p̄ba-
te iā fidei 7 ve-
tis amicitie no-
ua p̄fēbāt. Ue-

ra. n. illa necessitudo ē 7 chūti glutino co-
pulata: quā nō vtilitas rei familiaris: non
p̄ntia t̄m cōporum non subdola 7 palpās
adulatio: sed dei timor: 7 diuinay scripu-
ray studia cōciliant. Legimus i veteribus
h̄storis quosdam lustrasse puincias: no-
uos adq̄s p̄plos: maria trāsisse: ut eos q̄s
ex libris nouerāt: corā quoq̄s viderēt. Sic
pythagoras menphiticōs vates: sic plato
egyptum 7 archytā tarētinum: cāq̄ oram
italie q̄ quondam magna grecia dicebatur:
labōriōsissime peragravit: ut q̄ arthenis ma-
gister erat 7 potens: cui q̄s doctrinas aca-
demie q̄mnalia p̄fona dāt: fieret peregrin⁹
at. p̄ discipulus malens alicna verocunde
discere: q̄ sua ipudēt igerere. Deniq̄s cuz
litteras quasi toto orbe fugientes p̄sequit:
captus a piratis 7 venundatus tyranno
crudelissimo paruit: ductus captiu⁹ victus
7 seruus: t̄m q̄ philosoph⁹ maior emēte se
fuit. Ad titum luitum lacteo eloquētie sō-
te manantem de vltimis hispanie galliarū
q̄s finibus quosdam venisse nobiles legim⁹
7 quos ad contemplationē sui roma non
traxerat: vnius hois fama p̄duxit. Habet
illa etas inauditam oibus seculis: celebra-
dumq̄ miraculum: ut vrbē tātā igressi ali-
ud extra urbem quererent. Apolloni⁹ siue
ille magus ut vulgus loquitur: siue philo-
sophus: ut pythagorici tradūt: intravit p̄sas
piransiu caucasū: albanos scythas mas-
sagetās: opulentissima indie regna penetra-
uit: 7 ad extremū latissimo phison anue
transmisso puenit ad bagmanas: ut hiar-
chā in throno sedentem aureo 7 de tantali
fonte potantem inter paucos discipulos o
natura de moribus: ac de cursu diez 7 sid-
rum audiret docentem. Inde p̄ elamitas

babylonios chaldeos meos assyrios par-
thos syros phenices arabes palestinos re-
uersus ad alexandriā p̄xit ad ethiopiaz:
ut gymnosophistas 7 famosissimam solis
mentam videret in sabulo. Inuenit ille vir
vbiq̄s quod disceret: 7 semper p̄ficiens sēp
se melio: fieret. Scripsit sup hoc plenissie
octo voluminibus philostratus. ¶ II

Quid loquar de seculi hoibus: cuz
ap̄lus Paulus vas electiois 7 ma-
gister gentium: qui de p̄scientia tā-
ti in se hospitio loquebatur dicens: an ex-
perimentis queritis eius q̄ in me loquitur
chūstus: post damascū arabiazq̄ lustratā
ascēdit hierosolimā: ut videret petram: 7
mansit apud eum dieb' quidecim: Hoc cui
mysterio heodoadis 7 ogdoadis futurus
gentium p̄dicator: instruendus erat. Kur-
sumq̄ post annos quatuor: decim assūpto
barnaba et tito exposuit cum aplis euage-
lium: ne forte in vacuum curret aut cu-
currisset. Habet nescio quid latentis ener-
gie viue vocis actus: et in aures discipuli o
auctoris ore transfusa fortius sonat. Unō
7 efebines cum thodi exulare 7 legeretur
illa demosthenis oratio: quā aduersus eū
habuerat: mirantibus cunctis atq̄s laudā-
tibus suspirās ait. Quid si ipsa audissetis
bestias sua vba resonantē. ¶ III

Nec hoc dico: q̄ sit aliqd̄ i me tale:
q̄d̄ uel possis a me audire uel uel
discere sed quo ardo: tuus 7 discē-
di studium ē absq̄ nobis p̄ se p̄bati debe-
at. Ingeniū docile 7 sine doctore laudabi-
le ē. Nō quid iuenias: sed q̄ q̄ras p̄sidera-
mus. Mollis cera 7 ad formandū facilis
ē si artificis 7 plaste cessent manus: tamē
virtute totum est quicqd̄ esse potest. Pau-
lus ap̄lus ad pedes gamalielis legē moysi
7 p̄p̄ctas didicisse se gloriatur: ut arma-
tus sp̄ualib' telis: postea docēt p̄sident. At
ma. n. n̄c miline nō carnalia sūt: sed potē-
tia deo ad destructionē munitio: 7 cogi-
tationes destruētēs 7 oēm a latitudine extol-
lentē se aduersus sciam dei: 7 captiuantes
oēm intellectū ad obediētū chūsto 7 para-
ti subiugare oēm iobediētiam. Timor: cū
scribit ab ifātia sacris līs eruditus: 7 boita-
tur ad studiū lectiois: ne negligat gratiam
q̄ data sit ei p̄ ipositionē man⁹ p̄ci bytera.
Tito precipit: ut in ceteras v̄tutes ep̄iq̄s
breui sermone dep̄saret: q̄ am quoq̄s non

K

Susan Kare

User Interface Graphics designer



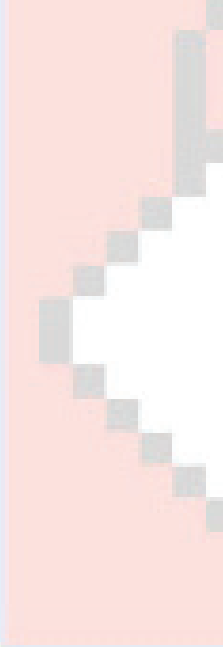
Artist and graphic designer Susan Kare is known as a master of creating icons. Her groundbreaking career began at Apple in 1983, where she used just a handful of pixels to design typefaces and icons that have become part of the visual language of computing.

Kare's most recognizable works from the early days of Apple include the Chicago typeface, the Geneva typeface, the original monospace Monaco typeface, the "Happy Mac" smiling computer that welcomed users when starting their machines, and the "command" key symbol on Apple keyboards.

Her work for the original Macintosh operating system launched a distinguished career. The Museum of Modern Art in New York describes Kare as "a pioneering and influential computer iconographer," whose icon designs "communicate their function immediately and memorably, with wit and style."

A native of Ithaca, New York, Kare studied art at Mount Holyoke and graduated summa cum laude. She then continued her education at New York University where she earned both an M.A. and Ph.D. in fine arts. After graduating, she moved to San Francisco where she worked a curatorial job for the Museum of Modern Art. In 1982, having returned to doing her own art, Kare was hired by Apple to design user interface graphics and fonts. At the time, digital typefaces were monospaced, a legacy of how a typewriter advances, one space at a time. Kare designed the first proportionally spaced digital font family that allowed text to appear on screen as naturally on the pages of a book. In 1986, she became one of the original employees of NeXT, the company formed by Steve Jobs after leaving Apple in 1985.

In 1989, Kare founded her own digital design firm, Susan Kare LLP. Her projects have included designing icons for the Windows and IBM OS/2 operating systems and bitmapping the virtual deck in the Windows version of Solitaire. In 2006, Kare began producing icons—such as, birthday cakes,

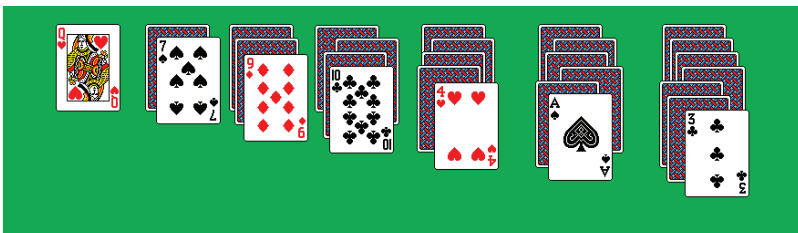


Work Samples:

engagement rings, roses, and disco balls—for Facebook’s “gifts” feature.

sells limited edition, signed, and numbered fine-art prints of her classic designs.

Kare is the author of *Susan Kare Icons*, a curated look at 80 of her favorite icons created between 1983 and 2011. She also



L



Label design

Process Analysis

Three descriptive characteristics that describe product's brand.

1. Home-made style
2. Healthy
3. Original flavor

The typeface selected for this brand's identity is Edwardian Script and Plantagenet Cherokee.

Edwardian Script and Plantagenet Cherokee fonts were used, because of its old script style and curve like ribbon style of the script. It also appears to go with the pattern

and flower used. It is classic and represent wealth.

Three descriptive phrases that describe each product label in relation to the product's brand.

1. Original
2. Chipotle
3. Sweet Hickory Onion

To simplify the label brand and relate the classic design, a serif font "Plantagenet Cherokee" and sans-serif font "Arial" were used for the description and the ingredients. Most of the common serif fonts will

be good for to compliment the brand identity of the product, but in this project, the Plantagenet Cherokee was selected because of the way it compliment the brand name.

I modified by extending the curve lines and make it to stand out. And also, I extended the uppercase letter "W", lowercase "h", "f" and lowercase letter "l" to give it a unique new look that became the brand identity for the products. (Whitfield's)



ABCDEabcde

abc
123

Max Meidinger

Max Meidinger – born 24.12.1910 in Zurich, Switzerland, died 8.3.1980 in Zurich, Switzerland – type designer.

1926-30: trains as a typesetter in Zurich, after which he attends evening classes at the Kunstgewerbeschule in Zurich. 1936-46: typographer for Globus department store's advertising studio in Zurich. 1947-56: customer counselor and typeface sales representative for the Haas'sche Schriftgießerei in Münchenstein near Basle. From 1956 onwards: freelance graphic artist in Zurich.

1956: Eduard Hoffmann, the director of the Haas'sche Schriftgießerei, commissions Meidinger to develop a new sans-serif typeface. 1957: the Haas-Grotesk face is introduced. 1958: introduction of the roman (or normal) version of Haas-Grotesk. 1959: introduction of a bold Haas-Grotesk. 1960: the typeface changes its name from Neue Haas Grotesk to Helvetica™.

1983: Linotype publishes its Neue Helvetica®, based on the earlier Helvetica™.

2001: Linotype publishes Helvetica World an update to the classic Helvetica design using the OpenType font format with multilingual characterset. It contains the following Microsoft code pages:

1252 Latin 1, 1250 Latin 2 Eastern, 1251 Cyrillic, 1253 Greek, 1254 Turk, 1255 Hebrew, 1256 Arabic, 1257 Windows Baltic, 1258 Windows Vietnamese, as well as a mixture of box drawing element glyphs and mathematical symbols & operators.

In total, each weight of Helvetica World contains 1866 different glyph characters!

N

Numerals

147428580
234147889

02492438429
49070385882

41898436088144408424148
543318147702708541143948
60401978248824147886045

24384294907038588283641898 8436088144408424148543318147702708
436088144408424148543318147 5411439486040197824882414788604508
702708541143948604019782488 24382902570749701474205707497030
24147886045082438290257074 820148003083207018907843014830884
37743208243842949072088030328068

{ } © 1/2 8 9
* * * * *
& 1 3 6
£ \$ %
@ 1 0 0

Like their architectural counterpart, a building's street number, the numerals of more than a few typefaces are underdeveloped afterthoughts. However, numerals can strongly shape a font's personality or make an otherwise reserved typeface distinctive. A well-designed set of numerals can be justification enough for a typographer to employ a font. Unlike letters, which must combine as words to have meaning, numbers have concrete definitions and significance on their own. A type designer can safely assume that a g will rarely be used outside the context of other letters, yet it is not uncommon to see a 6, 1, or 5 working solo as a page number, price tag, or street sign. Type designers must consider this expanded end use when developing numerals for their typefaces.

Early fonts included only a single set of text figures or "old style" numerals of varying heights and baselines. These deviating heights correspond to the lowercase characters' ascenders, descenders, and calligraphic origins and are meant for use among text. Accompanying the proliferation of commercial typography in the eighteenth century, numbers began to play a more prominent role in

the printed world, appearing in numerical tables, charts, dates, and lists. Reflecting these new uses, type foundries introduced alternate styles of numerals to their fonts. Lining numerals sit on the baseline and all have the same height, often equivalent to the cap height or slightly shorter. Tabular figures have equal widths and spacing to create well-aligned and uniform tables, columns, and charts. These two developments proved so useful and popular that by the twentieth century many fonts were released with only a single set of lining, tabular numbers, at the expense of the traditional, text-friendly old style figures.

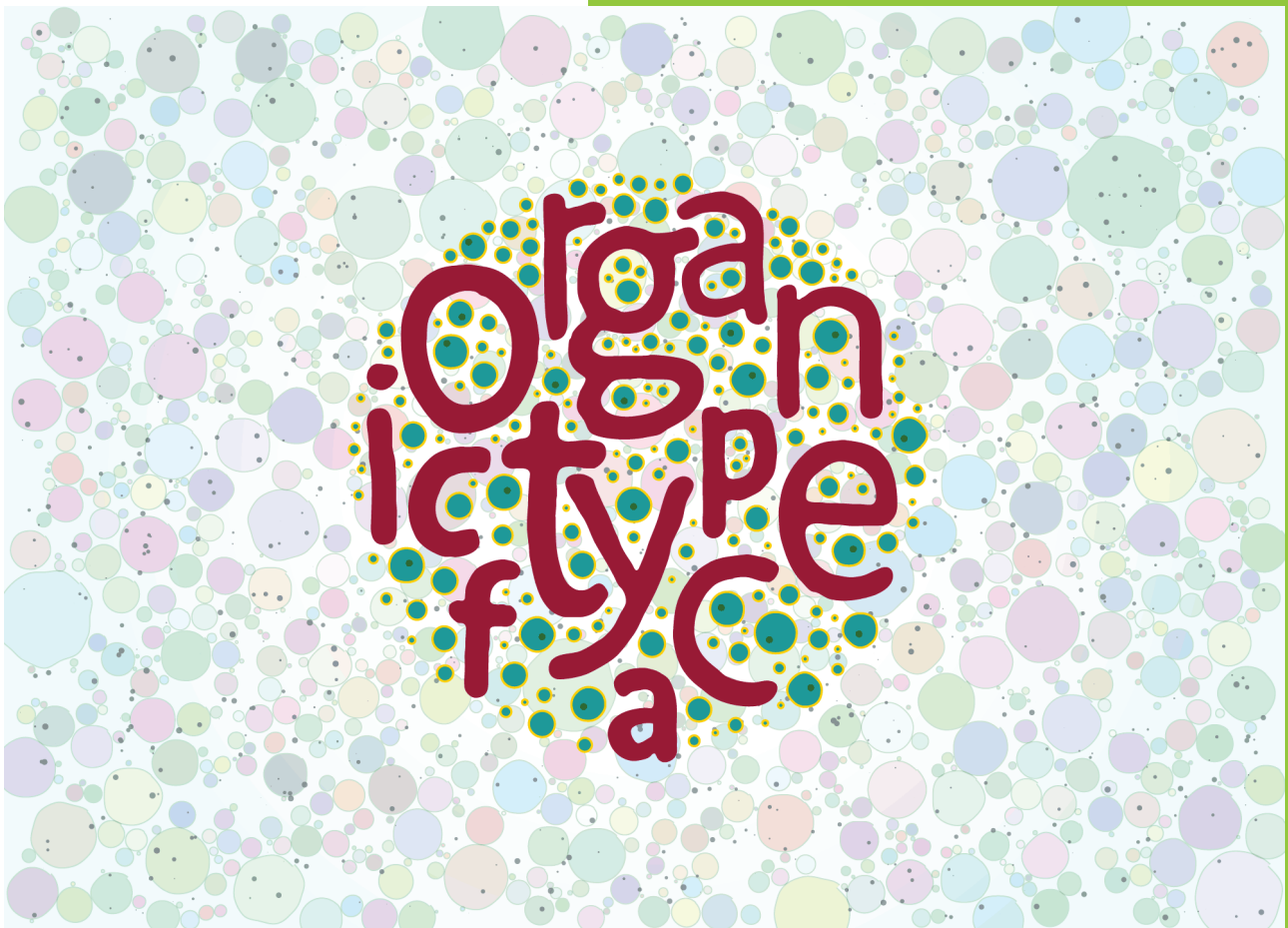
While lining and tabular figures are perfect for mathematical and numerical applications, they tend to look out of place when used among lowercase text. Contemporary type designers have revived the practice of releasing multiple sets of numerals with their typefaces, to address the widest possible variety of applications. Like any other aspect of a typeface, end use should guide design of numbers—text figures are the natural and useful numeral style for a book typeface, while a display family usually features lining numerals.

ϕ 5 3 0, 0 1 2 . 9 4 14 7 7 5.14
II O % 2 3 1993 159265359
51,940 DTL FLEISCHMANN
328-7448 5 7 501 AGENCY WIDE
1.6 INTIMO TWO 138 BIRRA STOUT
7 \$8.94 GREYTON SCRIPT
1812

O

Organic

Organic letterforms generally convey a human-made or natural origin. Their forms usually feel spontaneous, loose, or even grown, rather than built up and mechanically constructed. While many organic typefaces or letters can also be considered decorative, some fonts are surprisingly readable at text sizes and have a warm, handwritten feel.





These packages use typography as the main visual element and succeed to create great packages.



Packaging



Staying simple is a good way to create elegant and efficient packaging.

Typography is very important in today's packaging. The type helps the product appeal to a specific market, and by so doing there is increase demand in for the product. A serif font like Times New Roman can appeal better to a more mature market while font like Helvetica can appeal to a wider market and doesn't specifically target any.

Many major companies have taken type to a new level of marketing even for their brands identity—some can be recognized solely from the font and color even without reading the brand name because of globalization.



Q

David Quay



Work Samples:



David Quay studied graphic communication at Ravensbourne College of Art & Design from 1963–67.

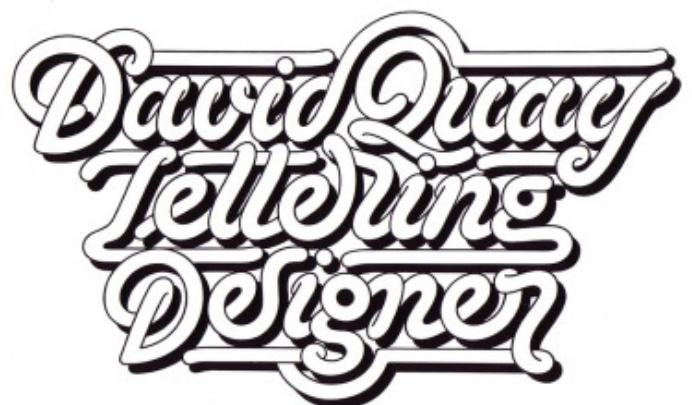
For the next seven years he worked in various leading London design companies as a packaging and graphic designer. In 1975 he became a freelance designer specializing in lettering and logotypes. In 1984 he formed with Paul Gray, Quay & Gray.

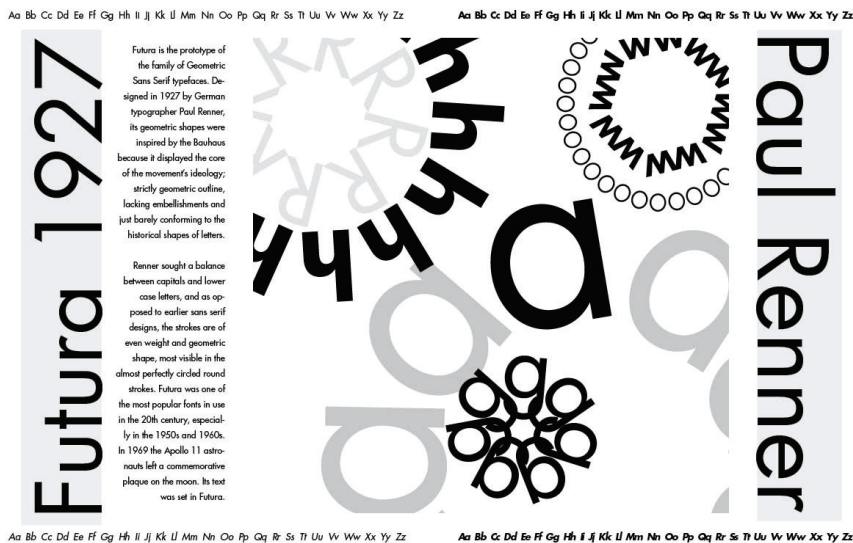
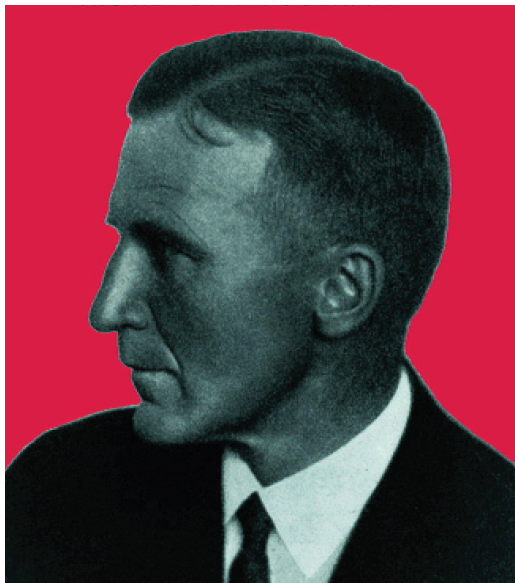
In 1989 he formed his own company David Quay Design to concentrate on graphic and typographic design. He also began to design his first text typefaces which were subsequently released by The International Typeface Corporation in New York and H Berthold ag in Germany.

Since 1989 he has worked closely with Freda Sack on a broad range of type projects. In 1990 they co-founded The Foundry, to design, manufacture and market their own exclusive typefaces designed by the partners to designers and businesses internationally. The Foundry also developed custom typefaces, marks and logotypes for companies internationally those included: a special typeface to be readable at very small sizes for Yellow pages, corporate fonts for BG plc (British Gas) NatWest Bank and signage typefaces for both RailTrack in the UK and the Lisbon Metro system in Portugal. Yellow Pages typeface received a D&AD Silver Award.

He was elected a Fellow of the International Society of Typographic Designers (ISTD) in 1992 and was joint chair of the ISTD from 1994–99. He is involved as an accessor on the ISTD yearly student assessment scheme and was on twice on the panel of international judges of the ISTD TypoGraphic Awards 92.

David Quay lectures extensively in typography and type design both in the UK and internationally. He has had a long association with the London School of Printing and has been a visiting lecturer at the Danmarks Designskole in Copenhagen, Hochschule für Gestaltung Offenbach and for three years Professor of typography and book design at the Fachhochschule Mainz. In 2000 he moved to Wiesbaden and in 2001 to Amsterdam. In Holland he taught typography and design at Akademie voor Kunst en Vormgeving|St. Joost, Avans Hogeschool Breda.





Paul Renner

Paul Renner – born 9.8.1878 in Wernigerode, Germany, died 25.4.1956 in Hödingen, Germany – graphic artist, painter, type designer, author, teacher.

Studied architecture and painting in Berlin, Munich and Karlsruhe. Then worked as a painter in Munich. 1907-17: production assistant and presentation manager for Georg Müller Verlag in Munich. 1911: cofounder of a private school for illustration in Munich. 1925-26: head of the commercial art and typography department at the Frankfurter Kunstschule. 1926: director of the city of Munich's Grafische Berufsschulen and from 1927 the Meisterschule für Deutschlands Buchdrucker.

1933: as a representative of the German Reich he is in charge of the design of the German section at the

Milan Triennale. Receives the Triennale's Grand Prix. 1933: is dismissed from teaching. Works as a painter from 1934 onwards. Writes on topics pertaining to typography, lettering, graphics and color studies.

Fonts: Futura® (1928), Plak® (1928), Futura® Black (1929), Futura® licht (1932), Futura® Schlagzeile (1932), Ballade (1937), Renner™ Antiqua (1939), Steile Futura® (1954).

Publications include: "Typographie als Kunst", Munich 1922; "Kulturbolschewismus?", Zurich 1932; "Die Kunst der Typographie", Berlin 1948; "Das moderne Buch", Lindau 1946; "Vom Geheimnis der Darstellung", Frankfurt 1955. Phillip Luidl (ed.) "Paul Renner", Munich 1978.

abcdefghijklmnopqrstvwxyz
ABCDEFGHIJKLMNopqrstuvwxyz&
1234567890(.,-:;!i?¿€£¥\$"'''>«»*†)
ÀÇÉÎÑÒØÜÆœàçéîñòøüæœß

S

Structure

Design Process Analysis

Qus: What related letters and alphabet shapes were your guide to modifying your 4 selected letters? Describe their characteristics.

Ans: Futura and Swiss fonts were the basic guide for the selection of font for this design.

Qus: What structure do the letterform terminals have? Examine them closely for specific shape, such as roundness of serif ends, arching of serifs, flaring of the stroke at the ends, stroke weight transition, etc. Describe 3 of their characteristics.

Ans:

1. The structure of this font has no serifs. The counterspace is narrower for R letter.

2. The leg completely straight and the Bowl shape rounder.

3. There is no stress due stroke weight being the same all over. And there is no transition of thick to thin stroke weight

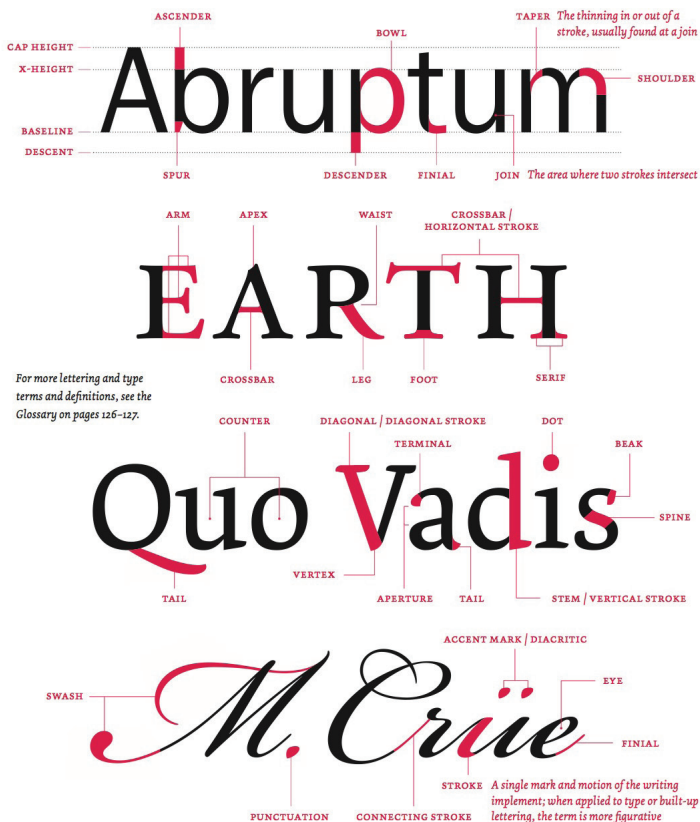
Qus: Observe and describe the typeface proportion relationships of the ascenders and descenders to xheight and cap height?

Ans: The ascenders has no serif and the curves sit below the baseline. Likewise the descenders has no serif.

A B C D E F G H I
J K L M N O P Q R
S T U V W X Y Z

a b c d e f g h i j k l
m n o p q r s t u v w
x y z

LETTER STRUCTURE



For more lettering and type terms and definitions, see the Glossary on pages 126–127.

T



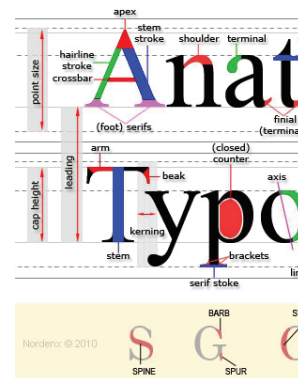
Terminal

A circular form at the end of the arm in letters.

Definition: In typography, the terminal is a type of curve. Many sources consider a terminal to be just the end (straight or curved) of any stroke that doesn't include a serif (which can include serif fonts, such as the little stroke at the end of "n" as shown in the illustration). Some curved bits of tails, links, ears, and loops are considered terminals using the broader

definition.

Ball terminal is a combination of a dot (tail dot) or circular stroke and the curved bit (hook) at the end of some tails and the end of some arms (a, c, f). Beak terminal refers to the sharp spur or beak at the end of a letterform's arm and the curved bit (terminal) between the beak and the arm.

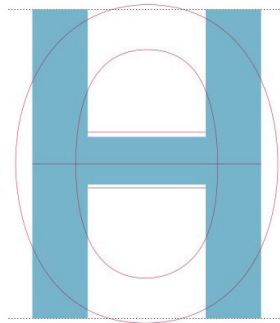


U

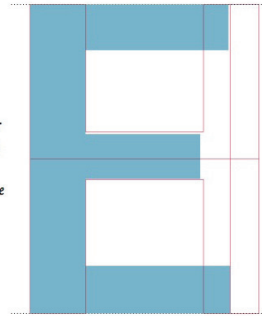


UPPERCASE

FONTS USED IN GRAPHIC: CORPID



Like the crossbar of the H, the E's middle arm is slightly above the center line.



Uppercase

Like the crossbar of the H, the E's middle arm is slightly above the center line.

The bottom arm of the E usually extends beyond the top two arms.

Maintaining the relationship of proportions between uppercase and lowercase usually means that a font's capitals, customarily taller than the lowercase, are also wider and occupy more space than their shorter counterparts. To compensate for this additional area and white space, the stroke weight of most capital letters is slightly heavier than that of the lowercase. Uppercase characters with the same stroke thickness as their lowercase counterparts often feel light by comparison. Type designers typically condense the uppercase characters slightly, to prevent the capitals from dominating the smaller lowercase alphabet and to

maintain more consistent widths throughout the font. The lowercase ascenders do not necessarily define the cap height—the uppercase of many fonts is shorter than the height of the ascenders.

The H is a control character for the uppercase, and its attributes set the standard for all of the square capitals. The E is narrower than the H, is noticeably shorter and compensating for somewhat thinner than its open right side. top and bottom arms.

The H's crossbar in most typefaces is placed slightly higher than half of the cap height.

Work Samples:



Rudy Vanderlans

Rudy VanderLans is the co-founder of Emigre, together with his wife Zuzana Licko.

VanderLans studied graphic design at the Royal Academy of Art in The Hague. After working for a number of design studios in Holland for several years, he moved to California and studied photography at University of California at Berkeley. In 1984, VanderLans founded Emigre Magazine, a journal for experimental graphic design.

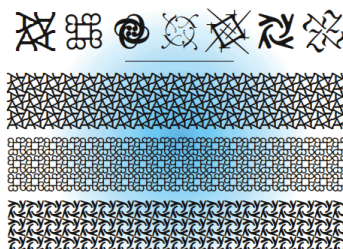
Zuzana Licko

Zuzana Licko is the co-founder of Emigre, together with her husband Rudy VanderLans.

Licko was born in 1961 in Bratislava, Czechoslovakia and emigrated to the U.S. in 1968. She graduated with a degree in

Graphic Communications from the University of California at Berkeley in 1984.

Emigre Magazine was founded in 1984 and garnered much critical acclaim when it began to incorporate Licko's digital typeface designs created with the first generation of the Macintosh computer. This exposure of her typefaces in Emigre magazine led to the manufacture of Emigre Fonts, which Emigre now distributes as software, worldwide.



Word as Image

Celebrity Portrait

Process Analysis

The fonts used to execute this celebrity portrait are:

1. Arial
2. Arial Black
3. Impact
4. Swiss 921 BT

3 reasons for the font selections:

1. I chose the font for clarity and simplicity. Arial is been a sans serif font is known for clarity.
2. I chose the Arial font because many people can easily recognize the font as they come across it every day.
3. I chose the Impact font because of it shape. It can easily be used in a place where other font will be too wide and take more space, while Impact font takes less space.

3. Illustrator type techniques that you have employed to execute your celebrity portrait.

1. I use the type wrap that is type in a shape or path. Using this technique, I can contain the type within a specified container or path.
2. I also use the outline technique by converting the selected typeface of my choice into curve and outline form.
3. I trace out the photo image after taking it into Photoshop to manipulate the color to achieve a contrast color. Then I was able to identify where the different shade tones are.

4. I also render the color image in Coral draw and later

import and save for illustrator to work with it.

5. I also manipulate the font by using the font character tools to change angles, spacing, and leading—others.

4. Question: Describe your design selection process for the image you used, and the way in which you cropped/positioned/oriented it within your 9” x 15” frame.

Answer: It actually took me a while trying to make a decision on the right image photo of the same celebrity, because I have to take the posture into consideration. And after my selection, I use Photoshop to crop the photo to be able to fit into the 9” x 15” frame. The image was quite larger than the 9” x 15” frame, so I have to reduce and scale down to the specified size. Hence the photo image has been in portrait style before I got it from Google.

X



xheight

The *x-height* is the vertical measurement of a lowercase letter's main body, usually defined by the *x*. It differs from typeface to typeface. Increasing a font's *x-height* increases the apparent size of the letters and generally improves legibility at small sizes.

An excessively large *x-height* can have the opposite effect, reducing the overall readability of word shapes and making the letters seem graceless. An *x-height* that is too small can produce letters that look top-heavy or stunted.



Hawkhurst Regular
abcdefghijklmnop
qrstuvwxyz

Hawkhurst Italic
*abcdefghijklmnopqr
stuvwxyz*

Hawkhurst Bold
abcdefghijklmnop
qrstuvwxyz

Hawkhurst Bold Italic
*abcdefghijklmnopq
rstuvwxyz*

A B C D E a b c d e 1 2 3 4 5

A B C D E a b c d e

Work Samples:

Richard Yeend

Born: London, 5 April 1945

Education: Kings College, Taunton, and Cambridge School of Art.

Art director, caricaturist and type designer.

ART DIRECTOR

The Wall Street Journal Europe

Die Welt

1998–1999

Redesigned the newspaper; Drew daily editorial cartoons.

Drew logotype for Berliner Morgenpost

International Herald Tribune

1987–1998

Redesigned the newspaper. Drew editorial cartoons.

The New York Times

1978–1987

Designed the Financial sections and business magazines, and drew sports caricatures.

Won a SND gold award in 1982.

The Boston Herald American

1975–1978

Redesigned the daily and Sunday papers and the color magazines.

Drew political cartoons for the op-ed pages.

EDITORIAL CARTOONIST

1969–1974

The Guardian

The Sunday Times

Contributed caricature to Newsweek, Fortune, Rolling Stone, New York Magazine, Le Monde, Berliner Morgenpost.

In 1970 designed a neon sign for Lloyds Bank in Picadilly Circus, London.

Designed typefaces:

Achispado™, Amherst Gothic Split™, Bandalero™, Linotype Buckingham Fraktur™, Burgstaedt Antiqua™, Hawkhurst™, Italienne™, Neuseidler™, Anasdair™, Linotype Richmond™ for Linotype Library.



Z

Hermann Zapf

Type Designer

Hermann Zapf is considered one of the great lettering artists of modern times. Born in Nuremberg in 1918, Zapf was interested in technology and science early in his youth. He read voraciously to learn about inventions that changed the world.

Zapf's first foray into the world of typeface design was an experiment in the 1930s when he developed a secret writing system so that he and his brother could exchange private information. "It was some kind of cross between Germanic runes and Cyrillic and could only be deciphered if you knew the code," Zapf says. "That's over 70 years ago now, and I suppose this secret writing system constituted my first alphabetic creations."

Zapf had wanted to become an electrical engineer, but the oppressive political climate in the early 1930s in Germany did not allow him to study engineering. He had to start

an apprenticeship in a photo retoucher. His search for an apprenticeship led him to training as a photo retoucher in 1934.

In 1935, a memorial exhibition was held for Nuremberger Rudolf Koch, who had recently died in 1934. Koch's work heightened Zapf's interest in lettering. He bought books by Koch and the British lettering artist Edward Johnston. Using the books for reference, Zapf taught himself calligraphy using a broad-edged pen.

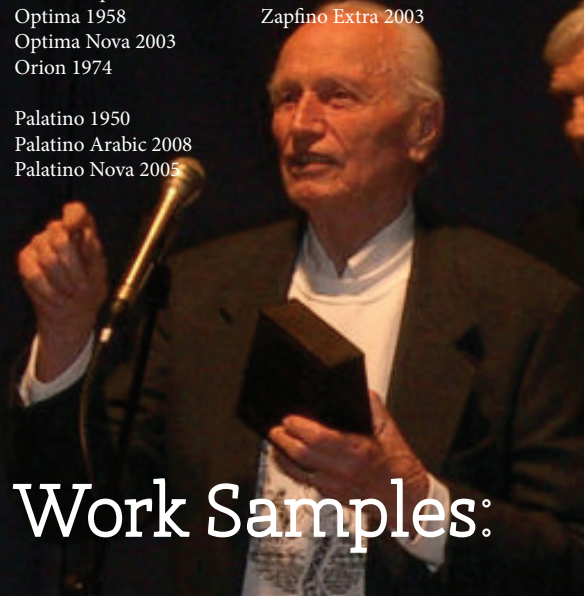
When his apprentice master discovered Zapf's gift for calligraphy, he put the young artist to work retouching lettering. He was also asked to improve the work of his less able colleagues, often toiling late into the evening.

After completing his apprenticeship, Zapf went to Frankfurt and spent time at a workshop run by Paul Koch (son of Rudolf Koch). Printing historian Gustav Mori introduced Zapf to

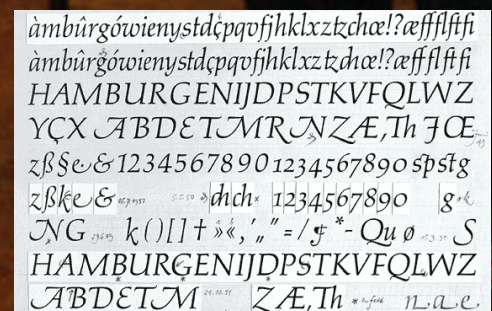
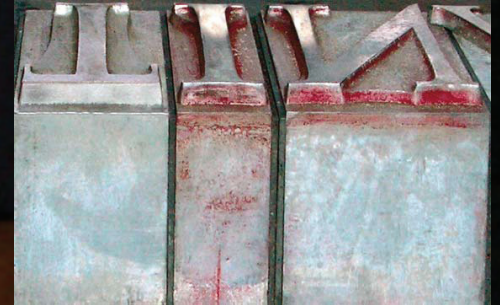


**Hermann Zapf's
typefaces include the following:**

- | | |
|--------------------|--------------------------------|
| Aldus 1954 | Palatino Sans 2006 |
| Aldus Nova 2005 | Saphir 1950 |
| URW Antiqua 1985 | Sistina 1950 |
| Aurelia 1983 | Vario 1982 |
| Edison 1978 | Venture 1969 |
| AMS Euler 1983 | ITC Zapf Book 1976 |
| URW Grotesk 1985 | ITC Zapf Chancery 1979 |
| Kompakt 1954 | ITC Zapf Dingbats 1978 |
| URW Latino 1985 | Zapf Essentials 2002 |
| Marconi 1976 | ITC Zapf International
1976 |
| Medici Script 1971 | Zapf Renaissance 1984 |
| Melior 1952 | Zapfino 1998 |
| Noris Script 1976 | Zapfino Extra 2003 |
| Optima 1958 | |
| Optima Nova 2003 | |
| Orion 1974 | |
-
- | |
|----------------------|
| Palatino 1950 |
| Palatino Arabic 2008 |
| Palatino Nova 2005 |



Work Samples:



Stempel and Linotype, where he designed his first printed typeface for the companies in 1938, the Gilgengart™.fraktur design.

On April 1, 1939, Zapf was called to military service. Unaccustomed to the rigors of military life, he developed heart trouble and was sent to a more suitable office environment, where he wrote camp records and sports certificates instead of working in the trenches. He later moved to the cartography unit, where his skill with drawing and lettering helped him survive. Zapf was captured by the French and held prisoner near the end of World War II. His captors, however, respected his artistic talents and did not mistreat him or send him to coal mines in Northern France.

After the war ended, Zapf was sent home to Nuremberg, where he taught calligraphy. In 1947, he was hired as the artistic head of the in-

house print shop for D. Stempel AG, Frankfurt. He continued to teach calligraphy and worked in book design for publishing companies.

Zapf designed many typefaces in the late 1940s and 1950s, including the Optima® and Palatino® typeface families. He continually honed his calligraphic skills.

In the 1960s, Zapf became interested the rapid changes of the printing industry. His ideas for streamlining production through computer-aided typesetting were scoffed in Germany. He turned to America; and gave in 1964 his first lecture on typographic computer programs at Harvard and was teaching at the Rochester Institute of Technology from 1977 through 1987. Zapf became familiar with computers from contacts at IBM, Xerox and other high-tech companies.

Credits

Typography Deconstructed

<http://www.typographydeconstructed.com/ascender/>

Typography Deconstructed

<http://www.typographydeconstructed.com/ball-terminal/>

Jessica Hische

<http://jessicahische.is>

Willen, B. (2009). *Lettering & Type: Creating Letters & Designing Typefaces* (1st ed). Princeton Architectural Press.

Retrieved from <http://digitalbookshelf.artinstitutes.edu/books/9781616890988/page/116>

http://en.wikipedia.org/wiki/File:Typography_Line_Terms.svg

Jill Bell

<http://www.jillbell.com/process.html>

<http://kclax.tumblr.com/page/2>

Matthew Carter

http://www.myfonts.com/person/Matthew_Carter/

http://en.wikipedia.org/wiki/Matthew_Carter#Typefaces

<http://www.monotypeimaging.com/ProductsServices/TypeDesignerShowcase/MatthewCarter/>

<http://www.monotypeimaging.com/productsservices/TypeDesignerShowcase/HermannZapf/>

<http://www.hermannzapf.de/>

<http://archiv.dante.de/dante2005/photos/tuesday/imgp5402-3-0-2.shtml>

<http://www.hrc.utexas.edu/educator/modules/gutenberg/johann/>

http://en.wikipedia.org/wiki/Johannes_Gutenberg
MLA citation. Wallau, Heinrich. "Johann Gutenberg." *The Catholic Encyclopedia*. Vol. 7. New York: Robert Appleton Company, 1910. 15 Mar. 2013 <<http://www.newadvent.org/cathen/07090a.htm>>.

Gutenberg's (42-line) Bible: Opening of Genesis. Johann Gutenberg, Johann Fust and Peter Schoeffer. Mainz, 1455
British Library C.9.d.4, f.5

http://www.bl.uk/onlinegallery/sacredtexts/gutenberg_lg.html

The University of Manchester Library, The University of Manchester <<http://www.library.manchester.ac.uk/firstimpressions/Pioneers-of-Print/Nicolas-Jenson/>>
<http://www.library.manchester.ac.uk/firstimpressions/>

Pioneers-of-Print/Johann-Gutenberg/
Emigre, Inc.

<http://www.emigre.com/Bios.php?d=10>

<http://www.emigre.com/Bios.php?d=2>

Mount Holyoke College

<https://www.mtholyoke.edu/175/gallery/susan-kare>

http://25.media.tumblr.com/tumblr_m5zbzhLMWl1qk4i6fo8_r1_1280.jpg

Monotype GmbH

<http://www.linotype.com/522/maxmiedinger.html>

Ron Bercume <<http://ronbercume.com/max-miedinger-graphic-design-pioneer/>>

<http://www.linotype.com/762/paulrenner.html>

<http://designkultur.wordpress.com/2011/02/04/corporate-identity-designkultur-new-wordmark-logo-introducing-v-2-0-a-corporate-id-rethink/paul-renner/>

<http://www.linotype.com/762/paulrenner.html>

<http://designkultur.wordpress.com/2011/02/04/corporate-identity-designkultur-new-wordmark-logo-introducing-v-2-0-a-corporate-id-rethink/paul-renner/>

<http://luc.devroye.org/fonts-24164.html>

VISUAL Communications

<http://www.visualcomm.com/Environmental-Signage.html>

<http://www.visualcomm.com/entertainment-Signage.html>

<http://www.noupe.com/design/products-and-packages-with-fantastic-typography.html>

<http://www.northwestmedia.net/blog/typography-in-packaging/>

<http://typography-daily.com/2010/12/28/15-examples-of-good-typography-in-packaging/>

Milton Glaser

"Milton." Milton Glaser. N.p.. Web. 24 Feb 2013. <<http://www.miltonglaser.com/milton/>>

"Milton Glaser." Answers.com. Answers Corporation. Web. 24 Feb 2013. <<http://www.answers.com/topic/milton-glase>>.

"Milton Glaser." Google Images. N.p.. Web. 24 Feb 2013.

Heller, Steven. "Glaser Gets Award From Obama." *printmag.com*. *printmag*. Web. 24 Feb 2013. <<http://www.printmag.com/Article/glaser-gets-award-from-obama>>.

<http://davidquaydesign.com/category/biography/>

