Evaluating Fonts

Font Family Selection for Accessibility & Display Readability by Andrew Somers • DOI: 10.13140/RG.2.2.28058.80320

What makes a font easy to read? The full answer could take a book to describe, but this is just a pamplet so we'll stick to the bare essentials. Font size, weight, tracking (i.e. letter spacing) leading (i.e. line spacing) and lightness contrast vs. the background are key factors. For this guide, we'll focus most on the design of the individual letters (called glyphs). We'll use black letters on white, and an 18pt size for the examples.

Who needs readable text? Everyone! Even people with perfect vision have minimum visual needs — but did you know that *over* 50% of the population has a vision problem that needs additional consideration and

accomodation? In fact, *everyone* eventually develops a visual impairment needing accomodation as a natural part of aging.

This guide is intended to help designers choose fonts that are easiest to read for everyone. We have considered the needs of normal and impaired vision, including acuity (blurryness), contrast (washed-out or faded look), and letter & word recognition (dyslexia and other cognitive types).

The fonts in the guide are just a sampling to demostrate the various aspects affecting readability, mainly for fonts used as body text. Most of these fonts are freely available on sites such as Google Fonts.

Key Design Factors to Consider for Best Readability

Check that multi-letter homoglyphs are easy to differentiate, especially rn vs m & cl vs d

WORSE

Arial Narrow: rn m, cl d, cj g, vv w, vy w losefin: rn m, cl d, cj g, vv w

BETTER

Convergence: rn m, cl d, cj g, vv w, vy w Quando: rn m, cl d, cj g, vv w

Check common single-letter confusions & avoid too many "similarly structured" glyphs:

WORSE

Arial Narrow: 5S8B 7Z QOCG 1II qgy ce

Fugaz One: 8B 7Z DOOCG6 1ll aqgy ce yuvw

Gill Sans: 5S8B 7Z QO III ce vyw Autour One: gq gy yq aqc

BETTER

DM Serif: 5S8B 7Z QOCG 11I qgy ce SecularOne: 8B7Z DOOCG611I aqgy ce yuvw Convergence: 5S8B 7Z QO 1ll ce vyw

Artifika: gq gy yq aqc

Avoid fonts with many "mirror image" glyphs, lowercase db or qp should be more distinct.

WORSE

Montserrat: db qp gp ae

BETTER (notice the b is a different shape, not a mirror of d)

Convergence: db qp gp ae

Check that letter pairs are properly kerned, and that tracking is consistent:

WORSE

BETTER

Josefin: AWowzer, Lyte, IDAHO GREAT

Caslon: AWowzer, Lyte, IDAHO GREAT

Fonts shown in 18pt with some considerations for evaluating potential readability & accessibility for mobile devices or computer displays. Evaluations are not based on aesthetics, only functionality.

Example "Best" Fonts for Accessibility & Display Readability

IDEAL EXAMPLE — SERIF

LIBRE BASKERVILLE

Tom was torn — go hear Halcy's cornet, or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. llIfthkaceqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 f

• Good: 111, OOo, gy, rnm — extra distinct, big x-height, good numbers

IDEAL EXAMPLE — SERIF GABRIELLA

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. Illfthkdbaceoqpgyj Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ §

• Good: 111, rnm, hk db qp ft are extra distinct, good x-height, good weight, good leading/kerning/tracking

IDEAL EXAMPLE — SANS-SERIF CONVERGENCE

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1llfthkdbaqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 f∆¶§

• Good: db, qp, ft, rnm are extra distinct, 1U, 0Oo distinct Meh: aq, qy lacks distinction, short leading

IDEAL EXAMPLE — MONOSPACE Source Code Pro

Tom's torn—hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa.qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz123456
•Good: 1lI, 00o, rnm are extra distinct, good x-height, good leading, many weights in family

IDEAL EXAMPLE — HEADLINE/DISPLAY SECULAR ONE

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa. 1llfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ §@ DISPLAY CAPITALS: AWVUYXGCDBTFEHKJILNMOQRPSZ WACTOMY

• Good: 111, 000 are distinct, good x-height, extra leading, fairly open counters, good kerning & tracking

Good Serif Fonts for Accessibility & Readability

PALATINO

Tom was torn — to go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ ¶§@! \Diamond

• Good: 11I, 0Oo, db, ft, rnm are extra distinct, good numbers, good asc/desc. Meh: kerning/track too tight

POLY

Tom was torn — to go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $\int \Delta \pi$

• Good: 11I, oOo, rnm are extra distinct, good x-height, extra leading Meh: numbers, descenders

GENTIUM BOOK BASIC

Tom was torn — should he go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔπ¶§∞@!§

• Good: 111, 000, db, ft, rnm are extra distinct, good ascenders, good numbers. Meh: kerning/track

GEORGIA

Tom was torn — to go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔπ¶§∞◊

• Good: 11I, oOo, db, qp, ft, rnm are extra distinct. Meh: inconsistent number glyph height.

ARVO

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceoqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta$ §\$

• Good: 11I, OOo, db, gy, rnm are extra distinct, good x-height, good weight, good numbers Meh: short descenders.

ARBUTUS SLAB

Tom was torn — go hear Halcy's cornet, or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. llIfthkaceoqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz12345678 $f\Delta\pi$ §

ullet Good: 11I, OOo, ${f rnm}$ — distinct, big x-height, Meh: asc/dec, kerning

MILONGA

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 11 I saw a bum burn a bad bag of quinoa. llIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 f $\Delta\pi$ §\$

• Good: ⊙Oo, db, rnm are extra distinct Meh: 11 less distinct, kerning/tracking problems/tightness

Good Sans Fonts for Accessibility & Display Readability

K₂D

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. Illfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ §\$

• Good: 1 L I, OOo, rnm, qpgyji — distinct, good leading, good x-height

SHARE

Tom was torn — should he go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔπ¶§∞◊&

• Good: 11I, 00o are extra distinct, rnm is distinct good x-height Meh: db, qp — short asc/descenders, condensed

VERDANA

Tom was torn — go hear HaIcy's cornet or see Haley's comet? As a 1 | I saw a bum burn a bad bag of quinoa. 1|Ifthkdbqpgyj Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 f

• Good: 1II, OOo are extra distinct, good x-height Meh: db, qp — short asc/descenders, rnm is indistinct.

UBUNTU

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1llfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔπ¶§∞◊

• Good: 111, 00o, ft are distinct, good x-height Meh: db, qp — short asc/descenders, rnm is less distinct.

Body/Headline Font for Accessibility & Display Readability

PODKOVA (FOR BODY) PODKOVA EXTRA BOLD (FOR DISPLAY)

Tom was torn — to go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceoqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ §\$

• Good: 111, OOo, rnm are extra distinct, good x-height Meh: short leading, weird ascenders: dbhk

DISPLAY CAPITALS: AWVUYXGCDBTFEHKJILNMOQRPSZ WACTOM rnm1lIhkdbaceoqpgyji & adcbtfjehygklrnmoqpswuvxiz 12345678

• Good: 111, OOo, rnm are extra distinct, good x-height Meh: short leading, weird ascenders: dbhk

DIN ALTERNATE (FOR DISPLAY)

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1llfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ ¶§∞@! \diamond &

• Good weight, Okay glyph distinction, descenders a little weak.

Good Mono Fonts for Accessibility & Display Readability

FIRA CODE

Tom's torn—hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji kbhrnm

Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz123456

• Good: 11I, 00o, rnm are extra distinct, good x-height Meh: dbqp— short asc/descenders.

UBUNTU MONO

Tom was torn — to go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔπ¶§◊

• Good: 11I, 00o, rnm are extra distinct Meh: short leading, tight monospacing, dbqp — short asc/des

ANDALE MONO

Tom's torn — hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji kbhrnm

Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz123456789

• Good: 11I, 00o, rnm — extra distinct Meh: dbqply — short ascenders/descenders

Good Trans-Serif Fonts for Accessibility & Readability

ARTIFIKA

Tom was torn — go hear Halcy's cornet or see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa. Illfthkdbqpgyj Data 10 is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 f

• Good: OOo, db, qp, gy, ft, rnm are extra distinct, good x-heigh Meh: 111 is a little indistinct, tight leading Asul

Tom was torn — best to go hear Halcy's cornet or see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa. Illfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ \Leftrightarrow &

• Good: 111, OOo, rnm, dbqpgy distinct, good x-height

ARIMA MADURAI

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa. 1llfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 f∆π¶§∞♦

• Good: rnm, hk db qp are extra distinct, 111, 00o distinct, x-height, extra leading Meh: light wgt, gy lacks distinction

"Kinda Okay" Fonts for Accessibility & Display Readability

COCHIN (SERIF)

Tom was torn — should he go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a burn a bad bag of quinoa. llIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ ¶§∞@! \diamond

• Good: 11I, 0Oo, db, qp, ft, rnm – distinct, wide caps, extra leading. Meh: small x-Ht, lrc j has weak descender.

DIDOT (SERIF)

Tom was torn to go hear HaIcy's cornet or see Haley's comet? As a 1 I I saw a burn a bad bag of quinoa. 1IIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtſjehygklrnmoqpswuvxiz 123456789 f∆π¶§∞◊ Good: 1II, 0Oo, rnm distinct Meh: variable stroke width gets too thin for use as a screen body-font.

RUDA (SANS-SERIF)

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa. 1llfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ § \diamond

• Good: rnm distinct BIG x-height, good tracking/kerning Meh: 111, 00o are less distinct, dbqp — short asc/desc..

OPTIMA (TRANS-SERIF)

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 1 I I saw a burn a bad bag of quinoa. 1 IIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz123456789 $f\Delta\pi$ ¶§ ∞ \$

• Good stroke variation helps overall, otherwise so-so glyph distinction.

ORIYA MN (TRANS-SERIF)

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 I I saw a burn burn a bad bag of quinoa. 1IIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 f∆π§◊

• Good: x-height, good kerning/tracking Meh: rnm 1II lack distinction, x-height numbers, short descenders

KELLY SLAB (SLAB-SERIF)

Tom was torn — to go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. llIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 f $\Delta\pi$ § \diamond

• Good: rnm, hk db գր are extra distinct Meh: 111, 00o lack distinction, glyphs a bit weird and squarish.

MODERN ANTIQUA (SERIF)

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa. Illfthkdbacqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔ\$

• Good: rnm distinct Meh: 111 OOo indistinct, some glyphs are weird non-standard design.

Tom was torn-go hear Halcy's cornet or see Haley's comet? As a 111 saw a bum burn a bad bag of quinoa. 1llhkdbqpgyj Data 10 is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789§

• Good: rnm distinct BIG x-height, good weight, good tracking/kerning Meh: 111, OOo are less distinct.

RUM RAISIN (WHIMSICAL DISPLAY)

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa. Illfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 faπ§♦

• Good: rnm distinct, good weight, but use sparingly Meh: 111 000 lack distinction, this is set at 22pt as the font is small.

ROCKWELL (SLAB-SERIF) ROCKWELL BOLD (FOR DISPLAY)

Tom was torn — go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. llIfthkdbqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789Δ §

• Good x-height, good weight Meh: lacks glyph distinction (number 1 and lower case 1), baseline & leading errors.

DISPLAY: AWVUYXGCDBTFEHKJILNMOQRPSZ ACTOMY rnmllIhkdbaceoqpgyji & adcbtfjehygklrnmoqpswuvxiz123

• Good x-height, good weight **Meh**: lacks glyph distinction, tight tracking, baseline & leading errors.

SIMONETTA (FOR BODY) SIMONETTA BLACK (FOR DISPLAY)

Tom was torn — should he go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a burn burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ ¶ $$\infty$ \$

• Good: 11I, 0Oo, rnm, dbqp are distinct Meh: counters small, tracking too tight

DISPLAY CAPS: AWVUYXGCDBTFEHKJILNMOQRPSZ ACTOMY rnm1lIhkdbaceoqpgyji & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta$ §

• Good: 111, OOo, rnm, dbqp are distinct Meh: counters too small, tracking too tight, small x-height

SPECTRAL (FOR BODY) SPECTRAL EXTRA BOLD (FOR DISPLAY)

Tom was torn — to go hear Halcy's cornet or see Haley's comet?

As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji

Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ §

• Good: 11I, 0Oo, rnm are distinct, extra leading, fi ligature okay, kerning/tracking nicely open

DISPLAY CAPS: AWVUYXGCDBTFEHKJILNMOQRPSZ ATOM rnm1lIhkdbaceoqpgyji & adcbtfjehygklrnmoqpswuvxiz123456789

• Good: same as regular weight, EXCEPT Extra Bold Meh: counters a bit small, tracking is tight, small x-height

CHARTER (FOR BODY) CHARTER BLACK (FOR DISPLAY)

Tom was torn — should he go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi\P\S\infty\lozenge$

DISPLAY CAPS: AWVUYXGCDBTFEHKJILNMOQRPSZ ACTOMY rnm1lIhkdbaceoqpgyji & adcbtfjehygklrnmoqpswuvxiz1234

• Good: 111, OOo, rnm, dbqp are extra distinct, good x-height Meh: kerning/tracking

AUTOUR ONE (TRANS-SERIF)

Tom's torn — hear Halcy's cornet,see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa.aqgyj Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz1234

• Good: 111, 000, qp, rnm are extra distinct, big x-height, spacious tracking Meh: less distinct hkygaq LOBSTER TWO (SCRIPT)

Tom was torn — should he go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a burn a bad bag of quinoa. ILIfthkdbaceoaqpgyji Data 10 is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi\P\$$ ∞ @! \diamond &

• Good weight & glyph distinction, but mainly a fun display-only font, should be used sparingly if at all. Can be hard to read.

REDRESSED (SCRIPT)

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. Illfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ \$ \diamond

• Good: znm is distinct, but use font sparingly Meh: 111 OOo lack distinction, this is set at 22pt as font is too small

RALEWAY EXTRA BOLD

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 l l saw a bum burn a bad bag of quinoa. 1llfthkdbceoqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔπ§

• Good: 111, 000, rnm, qp — distinct, good x-height Meh: short asc/desc, tight tracking/kerning, numbers

RIGHTEOUS

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 | | saw a bum burn a bad bag of quinoa. | IIIfthkdbaceo apgyji Data | O is 1 or 0 ϵ adobtfjehygklrnmoapswuvxiz | 123456789 $f \Delta \pi$ 5 \diamond

• Good: OOo, rnm — distinct, good x-height Meh: III indistinct, short asc/desc, tight tracking/kerning

??? ~ WHAT'S WITH THE SCRAMBLED ALPHABET? ~ ???

Yes, we know that "adcbtfj..." as shown in the type samples is not the normal alphabet order. This is a simulation of dyslexic perception to give normal viewers a sense of dyslexia. *Try reading this order out-loud for the full effect.* Also, some problem letters for dyslexia are placed together: qp ft rnm db

"Not So Great" Fonts for Accessibility & Display Readability

DM SERIF TEXT

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 11 I saw a bum burn a bad bag of quinoa. Illfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi\P\$\infty$ \diamond DISPLAY CAPITALS: AWVUYXGCDBTFEHKJILNMOQRPSZ WACTOMY

• Good: OOo, rnm are distinct, good x-height, extra leading Meh: minor strokes are too thin

MONTSERRAT

Tom was torn — to hear Halcy's cornet or see Haley's comet? As a 1 I I saw a bum burn a bad bag of quinoa. Illfthkdbacqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta$ §

• Good kerning/tracking, Good x-height, but short asc/dec & many glyphs lack distinction (II dbqpo).

ARIAL ~● Despite being a "standard" Arial is not particularly good for accessibility purposes ●~

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 I I saw a bum burn a bad bag of quinoa. 1IIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔπ¶§∞◊

• Good x-height & weight BAD: poor glyph distinction, default kerning/tracking poor.

ARIAL NARROW

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 1 I I saw a burn a bad bag of quinoa. 1IIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 fΔπ¶§∞@!◊&

• BAD: Arial Narrow seems designed to "look good" to normal vision while being unreadable for dyslexia or low vision.

HELVETICA NEUE THIN

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 1 I I saw a burn a bad bag of quinoa. 1 IIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi\P\S\infty$ @! \Diamond &

• Good x-height BAD: poor glyph distinction, default spacing too tight, this iteration's weight (thin) is too light.

FUTURA BOLD

Tom was torn — to go hear Halcy's cornet or see Haley's comet? As a 1 I I saw a bum burn a bad bag of quinoa. 1IIfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta$ §\$

• Font weight is okay but poor glyph distinction: **aocijdbqpft rnm 1II**, also for **e** the counter (the hole) is too small. We've always liked the "look" of Futura, but have also always had problems trying to fit it into a workable design. It's useful for ornamental text like big attention getting headlines, or side comments you don't really need to read, but not main content.

"Not Good" Fonts for Accessibility & Readability

JOSEFIN SLAB THIN

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. llIfthkdbaceo aqpgyji Data IO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ ¶ \Leftrightarrow @! \Leftrightarrow

• Mostly good glyph distinction **BAD**: small x-height & thin weight (too light for reading).

MANQUIS CP

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. Illfthkdbaceo qpgyji Data IO is 1 or 0 & adcbtfjehygklrnmogpswuvxiz 123456789 **f**Δπ¶§∞a!◊

• For Access: while most glyphs are distinctive, it's very thin & the structure of some glyphs is weird, such as: e a t r x

PHILOSOPHER

Tom was torn — should he go hear Halcy's cornet or see Haley's comet? As a 11 l saw a bum burn a bad bag of quinoa. Illfthkdbaceo qpgyji Data lO is 1 or 0 & adcbtfjehygklrnmoqpswuvxiz 123456789 $f\Delta\pi$ ¶§∞@! \diamond

- Bad: Capital i is I and lower case L is 1. Also the font has short asc/descenders. Too bad as the font is good otherwise.
 - $\cdot \cdot$ l.e. the ι (i) looks like a lower case L and the ι (L) looks like an upper case i. (!!!)

"Just Plain Bad" Fonts for Accessibility & Display Readability

BRUSH SCRIPT MT

Tom was torn — should he go hear Halcy's cornet or see Haley's comet?

As a 1 l I saw a bum burn a bad bag of guinoa. UTfthkdbaceo gpgyji

Data 90 is 1 or 0 & adebtfjehygklrumogpswuvxiz 123456789 f $\Delta \tau \P$ $S \sim @. \square \&$

• UNREADABLE! I've had this font as long as I can remember, yet I have never used it in my entire life.

IRONNICK NF

Tom was torn — should be go hear Halcy's cornet or see Haley's comet?

As a 111 saw a bum burn a bad bag of quinoa: Illfthkdbaceo qpgyji

Data 10 is 1 or 0 & adobtfjehygklrnmoqpswuvxiz 123456789 @Δπ¶躁亂∞@!♦&

• Mostly poor glyph distinction, x-height far too small, decorative use only, not for meaningful content.

SNELL ROUNDHAND

Tom was torn — should he go hear HaIcy's cornet or see Haley's comet? As a 1 l I saw a bum burn a bad bag of quinoa. 1lIfthkdbaceo qþqyji Data T0 is 1 or 0 & adcbṭfjeḥyqklrnmoqþswuvxiz 123456789 f∆π¶&∞@!◊&

• Some glyph distinction, but otherwise an elegantly **unreadable** font! Decorative use only, not for content.