



# ZVV Brown Narrow TT Regular

Font Format: OpenType TrueType (OpenType TTF)  
Designer: Aurèle Sack (2018-2024)





# Glyph Map

All 696 glyphs of ZVV Brown Narrow TT Regular in physical order.

|   |    |     |   |    |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |
|---|----|-----|---|----|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|
| □ |    |     |   | !  | " | # | \$ | % | & | ' | ( | ) | * | + | , | - | . | / | 0 |
| 1 | 2  | 3   | 4 | 5  | 6 | 7 | 8  | 9 | : | ; | < | = | > | ? | @ | 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 | { |   | } | ~ |   | i |
| ¢ | £  | ¤   | ¥ | ¦  | § | ¨ | ©  | ª | « | ¬ | - | ® | ¯ | ° | ± | ² | ³ | ´ | µ |
| ¶ | ·  | ,   | ¹ | º  | » | ¼ | ½  | ¾ | ¿ | À | Á | Â | Ã | Ä | Å | Æ | Ç | È | É |
| Ê | Ë  | Ì   | Í | Î  | Ï | Ð | Ñ  | Ò | Ó | Ô | Õ | Ö | × | Ø | Ù | Ú | Û | Ü | Ý |
| Þ | à  | á   | â | ã  | ä | å | æ  | ç | è | é | ê | ë | ì | í | î | ï | ð | ñ | ò |
| ó | ô  | õ   | ö | ÷  | ø | ù | ú  | û | ü | ý | þ | ÿ | Ā | ā | Ă | ă | Ą | ą | Ć |
| ć | Ĉ  | ĉ   | Ċ | ċ  | Č | č | Ď  | ď | Đ | đ | Ē | ē | Ĕ | ĕ | É | è | Ę | ę | Ě |
| ě | Ĝ  | ĝ   | Ğ | ğ  | Ġ | ġ | Ĵ  | ĵ | Ĥ | ĥ | Ħ | ħ | Ĩ | ĩ | Ī | ī | Ĭ | ĭ | Ĵ |
| į | İ  | ı   | İ | ij | Ĵ | ĵ | Ɔ  | ƙ | κ | Ł | ł | Ł | ł | Ł | ł | Ł | ł | Ł | ł |
| Ń | ń  | Ņ   | ņ | Ň  | ň | ŉ | Ŋ  | ŋ | Ō | ō | Ŏ | ö | Ŏ | ó | Œ | œ | Ŕ | ŕ | Ŗ |
| ŗ | Ř  | ř   | Ś | ś  | Ŝ | ŝ | Ş  | ş | Š | š | Ţ | ţ | Ť | ť | Ŧ | ŧ | Ũ | ũ | Ū |
| ū | Ŭ  | ŭ   | Ű | ű  | Ų | ų | Ŵ  | ŵ | Ŷ | ŷ | Ÿ | Ž | ž | Ž | ž | Ž | ž | Ž | ž |
| ƒ | f  | z   | z | Ă  | ă | Ĭ | ĭ  | Ŏ | ö | Ŭ | ű | Ğ | ğ | Ķ | ķ | Q | q | Ŋ | ñ |
| Á | á  | Æ   | æ | Ø  | ø | Ş | ş  | Ţ | ţ | Ĥ | ħ | Ô | ò | Ÿ | ÿ | Ј | ' | ' | ^ |
| ˘ | ˙  | ˚   | ˛ | ˜  | ˝ | ˞ | ˟  | ˠ | ˡ | ˢ | ˣ | ˤ | ˥ | ˦ | ˧ | ˨ | ˩ | ˪ | ˫ |
| ˬ | ˭  | ˮ   | ˯ | ˰  | ˱ | ˲ | ˳  | ˴ | ˵ | ˶ | ˷ | ˸ | ˹ | ˺ | ˻ | ˼ | ˽ | ˾ | ˿ |
| ˿ | ˿  | ˿   | ˿ | ˿  | ˿ | ˿ | ˿  | ˿ | ˿ | ˿ | ˿ | ˿ | ˿ | ˿ | ˿ | ˿ | ˿ | ˿ | ˿ |
| † | •  | ... | ‰ | '  | " | < | >  | / | 0 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| 4 | 5  | 6   | 7 | 8  | 9 | € | ¢  | ℓ | № | © | ™ | Ω | € | ½ | ¼ | ⅒ | ⅓ | ⅔ | ⅕ |
| ⅔ | ⅔  | ⅔   | ⅔ | ⅔  | ⅔ | ⅔ | ⅔  | ⅔ | ⅔ | ⅔ | ⅔ | ⅔ | ⅔ | ⅔ | ⅔ | ⅔ | ⅔ | ⅔ | ⅔ |
| ↗ | ↖  | ↗   | ð | Δ  | Π | Σ | -  | / | . | √ | ∞ | Λ | ∫ | ≈ | ≠ | ≡ | ≤ | ≥ | : |
| ∅ | ■  | ■   | □ | ■  | □ | ▲ | ▶  | ▼ | ◀ | ◆ | ○ | ● | □ | ■ | ☺ | ☺ | ☺ | ☺ | ✓ |
| ☼ | ☼  | ♥   | ① | ②  | ③ | ④ | ⑤  | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | ⑯ | ⑰ |
| ⑱ | fi | fl  |   | i  | L | l | 0  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 |



|   |   |      |     |   |   |   |   |   |   |    |   |   |   |   |   |   |   |   |   |
|---|---|------|-----|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|
| 3 | 4 | 5    | 6   | 7 | 8 | 9 |   | " | # | \$ | ' | + | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9    | <   | = | > | ^ | ~ | ¢ | £ | ¤  | ¥ | § | ¬ | ° | ± | μ | × | ÷ | f |
|   | € | ß    | №   | ð | Δ | Π | Σ | - | / | √  | ∞ | Λ | ∫ | ≈ | ≠ | ≡ | ≤ | ≥ | ◇ |
| ( | ) | -    | @   | [ | ] | { |   | } | i | «  | - | · | » | ¿ | ` | ' | ^ | ~ | - |
| ˘ | · | ˙    | °   | ” | ˘ | · | , | , | , | ,  | - | - | — | ● | < | > | ← | → | 0 |
| ° | ø | 1/10 | 0/3 | ° | ø | 0 | — | — | — | —  | • | • | × | ✚ | † |   |   |   |   |

All encoded characters should be accessible with every unicode capable application. For details about Unicode Blocks visit the [Unicode Website](#).

## Encoded Characters

### Basic Latin

Block from 0000 to 007F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0000 | 000D | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 002A | 002B | 002C | 002D | 002E | 002F | 0030 | 0031 |
|      |      |      | !    | "    | #    | \$   | %    | &    | '    | (    | )    | *    | +    | ,    | -    | .    | /    | 0    | 1    |
| 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 003A | 003B | 003C | 003D | 003E | 003F | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 |
| 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | :    | ;    | <    | =    | >    | ?    | @    | A    | B    | C    | D    | E    |
| 0046 | 0047 | 0048 | 0049 | 004A | 004B | 004C | 004D | 004E | 004F | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 |
| F    | G    | H    | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T    | U    | V    | W    | X    | Y    |
| 005A | 005B | 005C | 005D | 005E | 005F | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 006A | 006B | 006C | 006D |
| Z    | [    | \    | ]    | ^    | _    | `    | a    | b    | c    | d    | e    | f    | g    | h    | i    | j    | k    | l    | m    |
| 006E | 006F | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 007A | 007B | 007C | 007D | 007E |      |      |      |
| n    | o    | p    | q    | r    | s    | t    | u    | v    | w    | x    | y    | z    | {    |      | }    | ~    |      |      |      |

### Latin-1 Supplement

Block from 0080 to 00FF

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 00A0 | 00A1 | 00A2 | 00A3 | 00A4 | 00A5 | 00A6 | 00A7 | 00A8 | 00A9 | 00AA | 00AB | 00AC | 00AD | 00AE | 00AF | 00B0 | 00B1 | 00B2 | 00B3 |
|      | ı    | ċ    | £    | ¤    | ¥    | ¦    | §    | ¨    | ©    | ª    | «    | ¬    |      | ®    | ¯    | °    | ±    | ²    | ³    |
| 00B4 | 00B5 | 00B6 | 00B7 | 00B8 | 00B9 | 00BA | 00BB | 00BC | 00BD | 00BE | 00BF | 00C0 | 00C1 | 00C2 | 00C3 | 00C4 | 00C5 | 00C6 | 00C7 |
| ´    | µ    | ¶    | ·    | ,    | ¹    | º    | »    | ¼    | ½    | ¾    | ¿    | À    | Á    | Â    | Ã    | Ä    | Å    | Æ    | Ç    |
| 00C8 | 00C9 | 00CA | 00CB | 00CC | 00CD | 00CE | 00CF | 00D0 | 00D1 | 00D2 | 00D3 | 00D4 | 00D5 | 00D6 | 00D7 | 00D8 | 00D9 | 00DA | 00DB |
| È    | É    | Ê    | Ë    | Ì    | Í    | Î    | Ï    | Ð    | Ñ    | Ò    | Ó    | Ô    | Õ    | Ö    | ×    | Ø    | Ù    | Ú    | Û    |
| 00DC | 00DD | 00DE | 00E0 | 00E1 | 00E2 | 00E3 | 00E4 | 00E5 | 00E6 | 00E7 | 00E8 | 00E9 | 00EA | 00EB | 00EC | 00ED | 00EE | 00EF | 00F0 |
| Ü    | Ý    | Þ    | à    | á    | â    | ã    | ä    | å    | æ    | ç    | è    | é    | ê    | ë    | ì    | í    | î    | ï    | ð    |
| 00F1 | 00F2 | 00F3 | 00F4 | 00F5 | 00F6 | 00F7 | 00F8 | 00F9 | 00FA | 00FB | 00FC | 00FD | 00FE | 00FF |      |      |      |      |      |
| ñ    | ò    | ó    | ô    | õ    | ö    | ÷    | ø    | ù    | ú    | û    | ü    | ý    | þ    | ÿ    |      |      |      |      |      |

### Latin Extended-A

Block from 0100 to 017F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0100 | 0101 | 0102 | 0103 | 0104 | 0105 | 0106 | 0107 | 0108 | 0109 | 010A | 010B | 010C | 010D | 010E | 010F | 0110 | 0111 | 0112 | 0113 |
| Ā    | ā    | Ă    | ă    | Ą    | ą    | Ć    | ć    | Ĉ    | ĉ    | Č    | č    | Č    | č    | Ď    | ď    | Đ    | đ    | Ē    | ē    |
| 0114 | 0115 | 0116 | 0117 | 0118 | 0119 | 011A | 011B | 011C | 011D | 011E | 011F | 0120 | 0121 | 0122 | 0123 | 0124 | 0125 | 0126 | 0127 |
| Ě    | ě    | Ė    | ė    | Ę    | ę    | Ě    | ě    | Ĝ    | ĝ    | Ğ    | ğ    | Ġ    | ġ    | Ģ    | ģ    | Ĥ    | ĥ    | Ħ    | ħ    |
| 0128 | 0129 | 012A | 012B | 012C | 012D | 012E | 012F | 0130 | 0131 | 0132 | 0133 | 0134 | 0135 | 0136 | 0137 | 0138 | 0139 | 013A | 013B |
| Ĩ    | ĩ    | Ī    | ī    | Ĭ    | ĭ    | Į    | į    | İ    | ı    | IJ   | ij   | Ĵ    | ĵ    | Ķ    | ķ    | κ    | Ĺ    | ĺ    | Ł    |
| 013C | 013D | 013E | 013F | 0140 | 0141 | 0142 | 0143 | 0144 | 0145 | 0146 | 0147 | 0148 | 0149 | 014A | 014B | 014C | 014D | 014E | 014F |
| Ĵ    | Ł    | ł    | Ł    | ł    | Ł    | ł    | Ń    | ń    | Ņ    | ņ    | Ň    | ň    | ň    | Ň    | ň    | Ň    | ň    | Ň    | ň    |



|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0150 | 0151 | 0152 | 0153 | 0154 | 0155 | 0156 | 0157 | 0158 | 0159 | 015A | 015B | 015C | 015D | 015E | 015F | 0160 | 0161 | 0162 | 0163 |
| Ŏ    | ŏ    | Œ    | œ    | Ř    | ř    | Ŕ    | ŕ    | Ř    | ř    | Ś    | ś    | Ŝ    | ŝ    | Ş    | ş    | Š    | š    | Ţ    | ţ    |
| 0164 | 0165 | 0166 | 0167 | 0168 | 0169 | 016A | 016B | 016C | 016D | 016E | 016F | 0170 | 0171 | 0172 | 0173 | 0174 | 0175 | 0176 | 0177 |
| Ť    | ť    | Ŧ    | ŧ    | Ů    | ů    | Ū    | ū    | Ŭ    | ŭ    | Ů    | ů    | Ű    | ű    | Ų    | ų    | Ŵ    | ŵ    | Ŷ    | ŷ    |
| 0178 | 0179 | 017A | 017B | 017C | 017D | 017E | 017F |      |      |      |      |      |      |      |      |      |      |      |      |
| Ÿ    | Ž    | ž    | Ž    | ž    | Ž    | ž    | ſ    |      |      |      |      |      |      |      |      |      |      |      |      |

## Latin Extended-B

Block from 0180 to 024F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0192 | 01B5 | 01B6 | 01CD | 01CE | 01CF | 01D0 | 01D1 | 01D2 | 01D3 | 01D4 | 01E6 | 01E7 | 01E8 | 01E9 | 01EA | 01EB | 01F8 | 01F9 | 01FA |
| f    | Ź    | z    | Ǻ    | ǻ    | Ǽ    | ǽ    | Ǿ    | ǿ    | Ǫ    | ǫ    | Ǭ    | ǭ    | Ǯ    | ǯ    | Ǳ    | ǲ    | Ǵ    | ǵ    | Ƕ    |
| 01FB | 01FC | 01FD | 01FE | 01FF | 0218 | 0219 | 021A | 021B | 021E | 021F | 022E | 022F | 0232 | 0233 | 0237 |      |      |      |      |
| ǿ    | Ǽ    | ǽ    | Ǿ    | ǿ    | Ş    | ş    | Ţ    | ţ    | Ǻ    | ǻ    | Ǽ    | ǽ    | ǿ    | ǿ    | Ǫ    | ǫ    | Ǭ    | ǭ    | Ǯ    |

## Spacing Modifier Letters

Block from 02B0 to 02FF

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 02BB | 02BC | 02C6 | 02C7 | 02C9 | 02D8 | 02D9 | 02DA | 02DB | 02DC | 02DD |
| ‘    | ’    | ^    | ˇ    | -    | ˘    | ˙    | ˚    | ¸    | ˜    | ˝    |

## Combining Diacritical Marks

Block from 0300 to 036F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0300 | 0301 | 0302 | 0303 | 0304 | 0306 | 0307 | 0308 | 030A | 030B | 030C | 0312 | 0313 | 0323 | 0326 | 0327 | 0328 | 032E | 0331 | 0335 |
| ◌    | ◌    | ◌    | ◌    | -    | ˘    | ˙    | ˚    | ◌    | ◌    | ◌    | ◌    | ◌    | ◌    | ◌    | ◌    | ◌    | ◌    | ◌    | ◌    |

## Greek and Coptic

Block from 0370 to 03FF

|      |      |      |      |      |
|------|------|------|------|------|
| 0387 | 0394 | 03A9 | 03BC | 03C0 |
| ◌    | Δ    | Ω    | μ    | π    |

## Latin Extended Additional

Block from 1E00 to 1EFF

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1E02 | 1E03 | 1E0A | 1E0B | 1E1E | 1E1F | 1E40 | 1E41 | 1E56 | 1E57 | 1E60 | 1E61 | 1E6A | 1E6B | 1E80 | 1E81 | 1E82 | 1E83 | 1E84 | 1E85 |
| Ĭ    | ĭ    | Ĳ    | ĳ    | ƒ    | ƒ    | Ṁ    | ṁ    | Ṗ    | ṑ    | Ś    | ś    | Ŧ    | ŧ    | Ẁ    | ẁ    | Ẃ    | ẃ    | Ẅ    | ẅ    |
| 1EF2 | 1EF3 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Ỳ    | ỳ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

## General Punctuation

Block from 2000 to 206F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 200A | 200B | 2012 | 2013 | 2014 | 2015 | 2018 | 2019 | 201A | 201B |
|      |      |      |      |      |      |      |      |      |      |      |      | -    | -    | -    | -    | ‘    | ’    | ,    | `    |



|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 201C | 201D | 201E | 201F | 2020 | 2021 | 2022 | 2026 | 2030 | 2032 | 2033 | 2039 | 203A | 2044 |
| “    | ”    | „    | ”    | †    | ‡    | ●    | ...  | ‰    | '    | "    | ◁    | ▷    | /    |

## Superscripts and Subscripts

Block from 2070 to 209F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2070 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 |
| ⁰    | ⁴    | ⁵    | ⁶    | ⁷    | ⁸    | ⁹    | ₀    | ₁    | ₂    | ₃    | ₄    | ₅    | ₆    | ₇    | ₈    | ₉    |

## Currency Symbols

Block from 20A0 to 20CF

|      |      |
|------|------|
| 20AC | 20BF |
| €    | ₧    |

## Letterlike Symbols

Block from 2100 to 214F

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 2113 | 2116 | 2117 | 2122 | 2126 | 212E |
| ℓ    | Nº   | ℙ    | ™    | Ω    | €    |

## Number Forms

Block from 2150 to 218F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 215A | 215B | 215C | 215D | 215E | 215F | 2189 |
| ⅐    | ⅑    | ⅒    | ⅓    | ⅔    | ⅕    | ⅖    | ⅗    | ⅘    | ⅙    | ⅚    | ⅛    | ⅜    | ⅝    | ⅞    | ⅟    | ⅔    |

## Arrows

Block from 2190 to 21FF

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 2190 | 2191 | 2192 | 2193 | 2196 | 2197 | 2198 | 2199 | 21B0 | 21B1 | 21B2 | 21B3 |
| ←    | ↑    | →    | ↓    | ↖    | ↗    | ↘    | ↙    | ↵    | ↶    | ↷    | ↸    |

## Mathematical Operators

Block from 2200 to 22FF

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2202 | 2206 | 220F | 2211 | 2212 | 2215 | 2219 | 221A | 221E | 2227 | 222B | 2248 | 2260 | 2261 | 2264 | 2265 | 22EE |
| ∂    | Δ    | ∏    | Σ    | −    | /    | ⋅    | √    | ∞    | Λ    | ∫    | ≈    | ≠    | ≡    | ≤    | ≥    | ⋮    |

## Miscellaneous Technical

Block from 2300 to 23FF

|      |
|------|
| 2300 |
| ∅    |














## Block Elements

Block from 2580 to 259F

| 2591  |
|---|
|  |




## Geometric Shapes

Block from 25A0 to 25FF

| 25A0  | 25A1  | 25AE  | 25AF  | 25B2  | 25BA  | 25BC  | 25C4  | 25CA  | 25CB  | 25CF  | 25FB  | 25FC  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |  |  |
























## Miscellaneous Symbols

Block from 2600 to 26FF

| 262E  | 263A  | 263B  |
|---|---|---|
|  |  |  |

## Dingbats

Block from 2700 to 27BF

| 270E  | 2713  | 273A  | 274F  | 2764  | 2780  | 2781  | 2782  | 2783  | 2784  | 2785  | 2786  | 2787  | 2788  | 278A  | 278B  | 278C  | 278D  | 278E  | 278F  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2790  | 2791  | 2792  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

## Alphabetic Presentation Forms

Block from FB00 to FB4F

| FB01 | FB02 |
|------|------|
| fi   | fl   |

## Arabic Presentation Forms-B

Block from FE70 to FEFF

| FEFF |
|------|
|      |



# OpenType Layout Features

For details about OpenType Layout Features see the [OpenType Layout tag registry](#).

## Substitution Features



### Contextual Alternates

In specified situations, replaces default glyphs with alternate forms which provide better joining behavior.



### Slashed Zero

Some fonts contain both a default form of zero, and an alternative form which uses a diagonal slash through the counter. This feature allows the user to change from the default 0 to a slashed form.



### Denominators

Replaces selected figures which follow a slash with denominator figures.



### Superscript

Replaces lining or oldstyle figures with superior figures (primarily for footnote indication), and may replace lowercase letters with superior letters (primarily for abbreviated French titles).



### Ordinals

Replaces default alphabetic glyphs with the corresponding ordinal forms for use after figures.



### Localized Forms

This feature enables localized forms of glyphs to be substituted for default forms.



### Stylistic Set 10 (Smaller Bullet)



### Glyph Composition / Decomposition

To minimize the number of glyph alternates, it is sometimes desired to decompose a character into two glyphs. Additionally, it may be preferable to compose two characters into a single glyph for better glyph processing. This feature permits such composition/decomposition.



### Ornaments

This feature gives the user access to ornament glyphs (e.g. fleurons, dingbats and border elements) in the font.



### Tabular Figures

Replaces figure glyphs set on proportional widths with corresponding glyphs set on uniform (tabular) widths.



### Numerators

Replaces selected figures which precede a slash with numerator figures, and replaces the typographic slash with the fraction slash.



### Fractions

Replaces figures separated by a slash with 'common' (diagonal) fractions.



### Subscript

The "subs" feature may replace a default glyph with a subscript glyph.



### Case-Sensitive Forms

Shifts various punctuation marks up to a position that works better with all-capital sequences or sets of lining figures; also changes oldstyle figures to lining figures.



### Stylistic Set 6 (Alternate Dashes)



### Stylistic Set 20 (Multiply)

Replaces 'x' with the multiply sign when placed between two numbers..



### Alternate Annotation Forms

Replaces default glyphs with various notational forms (e.g. glyphs placed in open or solid circles, squares, parentheses, diamonds or rounded boxes).





## Positioning Features

T o

Kerning

Adjusts amount of space between glyphs, generally to provide optically consistent spacing between glyphs.



All alternates are accessible with OpenType layout feature capable applications. If not specified, the feature is registered for all language systems.

## All Alternates



### Contextual Alternates

|   |   |   |
|---|---|---|
| - | - | — |
|---|---|---|



### Tabular Figures

|   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | # | \$ | ' | + | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | < | = | > | ^ | ~ |
| ¢ | £ | ¤  | ¥ | § | ¬ | ° | ± | μ | × | ÷ | f |   | € | ฿ | № | ð | Δ | Π | Σ |
| - | / | √  | ∞ | ∧ | ∫ | ≈ | ≠ | ≡ | ≤ | ≥ | ◇ |   |   |   |   |   |   |   |   |



### Slashed Zero

|   |   |   |      |     |   |   |   |
|---|---|---|------|-----|---|---|---|
| 0 | 0 | 0 | 1/10 | 0/3 | 0 | 0 | 0 |
|---|---|---|------|-----|---|---|---|



### Numerators

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|



### Denominators

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|



### Fractions

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |



### Superscript

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 1 | 0 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|

x<sub>2</sub>

## Subscript

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|

1<sup>st</sup>

## Ordinals

|   |   |
|---|---|
| ª | º |
|---|---|

{G}

## Case-Sensitive Forms

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ( | ) | - | @ | [ | ] | { |   | } | i | « | - | · | » | ¿ | ` | ' | ^ | ~ | - |
| ˘ | ˙ | ¨ | ° | ” | ˘ | . | , | , | ‘ | ˘ | - | - | — | ● | < | > | ← | → |   |

Şş

## Localized Forms

Latin, Azeri

|   |
|---|
| i |
|---|

Latin, Catalan

|   |   |
|---|---|
| Ł | ł |
|---|---|

Latin, Crimean Tatar

|   |
|---|
| i |
|---|

Latin, Kazakh

|   |
|---|
| i |
|---|

Latin, Moldavian

|   |   |   |   |
|---|---|---|---|
| Ş | ş | Ț | ț |
|---|---|---|---|

Latin, Romanian

|   |   |   |   |
|---|---|---|---|
| Ş | ş | Ț | ț |
|---|---|---|---|

Latin, Tatar

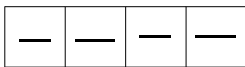
|   |
|---|
| i |
|---|

Latin, Turkish

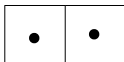
|   |
|---|
| i |
|---|



## [6] Stylistic Set 6 (Alternate Dashes)



## [10] Stylistic Set 10 (Smaller Bullet)



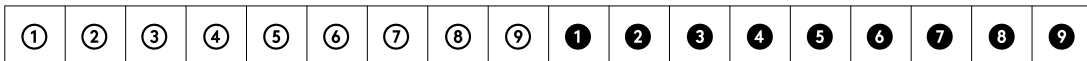
## [20] Stylistic Set 20 (Multiply)



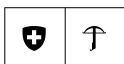
## Ṛṛ Glyph Composition / Decomposition



## 1① Alternate Annotation Forms



## Ornaments





## Languages

Information about languages is mainly based on the Unicode Common Locale Data Repository. For details visit the [Unicode CLDR Project](#).

### Latin

|           |                |                   |                 |
|-----------|----------------|-------------------|-----------------|
| Afrikaans | Gusii          | Malagasy          | Shambala        |
| Albanian  | Hawaiian       | Maltese           | Shona           |
| Asu       | Hungarian      | Manx              | Slovak          |
| Basque    | Icelandic      | Meru              | Slovenian       |
| Bemba     | Inari Sami     | Morisyen          | Soga            |
| Bena      | Indonesian     | North Ndebele     | Somali          |
| Breton    | Irish          | Northern Sami     | Spanish         |
| Catalan   | Italian        | Norwegian Bokmål  | Swahili         |
| Chiga     | Jola-Fonyi     | Norwegian Nynorsk | Swedish         |
| Cornish   | Kabuverdianu   | Nyankole          | Swiss German    |
| Croatian  | Kalaallisut    | Oromo             | Taita           |
| Czech     | Kalenjin       | Polish            | Teso            |
| Danish    | Kamba          | Portuguese        | Tongan          |
| Dutch     | Kikuyu         | Quechua           | Turkish         |
| Embu      | Kinyarwanda    | Romanian          | Upper Sorbian   |
| English   | Lakota         | Romansh           | Uzbek           |
| Esperanto | Latvian        | Rombo             | Volapük         |
| Estonian  | Lithuanian     | Rundi             | Vunjo           |
| Faroese   | Lower Sorbian  | Rwa               | Walser          |
| Filipino  | Luo            | Samburu           | Welsh           |
| Finnish   | Luxembourgish  | Sango             | Western Frisian |
| French    | Luyia          | Sangu             | Zulu            |
| Friulian  | Machame        | Scottish Gaelic   |                 |
| Galician  | Makhuwa-Meetto | Sena              |                 |
| Ganda     | Makonde        | Serbian           |                 |



# Technical Data

## Identification

| Table | Description            | Value  |
|-------|------------------------|--|
| -     | File name              | ZVVBrownNarrowTT-Regular.ttf                   |
| -     | File size              | 175264 bytes                                   |
| -     | MD5 checksum           | A40244DAA0CD44793BB7F4CBDAB80734               |
| head  | created                | Wed Dec 11 15:51:07 2024                       |
| head  | modified               | Mon Dec 16 15:52:11 2024                       |
| name  | Unique font identifier | Lineto GmbH: ZVV Brown Narrow TT-Regular: 2024 |
| name  | Version string         | Version 5.000; build 0010                      |
| CFF   | Outline format         | TrueType                                       |

## Names

| ID | Description     | Value                    |
|----|-----------------|--------------------------|
| 1  | Family name     | ZVV Brown Narrow TT      |
| 2  | Subfamily name  | Regular                  |
| 4  | Full font name  | ZVV Brown Narrow TT      |
| 6  | Postscript name | ZVVBrownNarrowTT-Regular |

## Classification & Style

| Table | Description            | Value                  |
|-------|------------------------|------------------------|
| OS/2  | Width class            | 5 - Medium (normal)    |
| OS/2  | Weight class           | 400 - Normal (Regular) |
| post  | Italic angle           | 0.0°                   |
| OS/2  | fsSelection style bits | Regular                |
| head  | macStyle bits          |                        |
| OS/2  | PANOSE familyType      | 2 - Latin Text         |
| OS/2  | PANOSE Serif Style     | 11 - Normal Sans       |
| OS/2  | PANOSE Weight          | 5 - Book               |
| OS/2  | PANOSE Proportion      | 4 - Even Width         |
| OS/2  | PANOSE X-height        | 4 - Constant/Large     |




## Legal Information

| ID | Description         | Value   |
|----|---------------------|---|
| 0  | Copyright           | © 2024, Copyright by Lineto GmbH. All rights reserved.  |
| 7  | Trademark           | Brown is a trademark of Lineto GmbH   |
| 8  | Manufacturer        | Lineto GmbH   |
| 9  | Designer            | Aurèle Sack (2018-2024)   |
| 10 | Font Description    | Font engineering and mastering by Alphabet Type GmbH  |
| 11 | Vendor URL          | <a href="https://www.lineto.com">https://www.lineto.com</a>   |
| 12 | Designer URL        | <a href="https://lineto.com/designers">https://lineto.com/designers</a>   |
| 13 | License Description | Die Schrift 'ZVV Brown Narrow' wurde für die ausschliessliche Verwendung für und durch den Zürcher Verkehrsverbund (ZVV) hergestellt. Die Verwendung ist im 'End User Licence Agreement' (EULA) und der spezifischen Nutzungsvereinbarung zwischen ZVV und Lineto GmbH reglementiert. Die rechtmässige Verwendung der Fonts und der in den Fontdateien enthaltenen Daten schließt Modifikationen, Umwandlung, Umbenennung, Speicherung auf öffentlich zugänglichen Servern, Weitervertrieb und Verkauf aus. Die Nutzungsbestimmungen verbieten zudem jegliche Verwendung der in den Dateien enthaltenen Informationen (einschliesslich metrische Daten, Kerning- und Hinting-Informationen, etc.) zur Erstellung neuer Schriften oder schriftbasierter Dienste unter Verwendung künstlicher neutraler Netzwerke, maschineller Lernalgorithmen oder anderer generativer Verfahren aus. Dies gilt auch für automatisierte Prozesse, Deep-Learning-Modelle oder andere KI-basierte Methoden. Jede unrechtmässige Nutzung dieser typografischen Software wird strafrechtlich verfolgt. Weitere Informationen finden Sie unter <a href="https://lineto.com/licensing">https://lineto.com/licensing</a> . |
| 14 | License Info URL    | <a href="https://lineto.com/licensing">https://lineto.com/licensing</a>   |

## Vertical Metric

| head | post | OS/2  | hhea |  |
|------|------|-------|------|--|
| A    |      | I     |      |  |
|      |      | G     | K    |  |
|      |      | E     |      |  |
|      |      | F     |      |  |
|      |      | D     |      |  |
|      | C    |       |      |  |
| B    |      | H J L |      |  |



|   | Table | Description        | Value |
|---|-------|--------------------|-------|
|   | head  | Units per Em       | 1000  |
| A | head  | y Max              | 1110  |
| B | head  | y Min              | -250  |
| C | post  | Underline Position | -60   |
|   | post  | Underline Size     | 80    |
| D | OS/2  | Strikeout Position | 250   |
|   | OS/2  | Strikeout Size     | 80    |
| E | OS/2  | Cap Height         | 700   |
| F | OS/2  | xHeight            | 475   |
| G | OS/2  | Typo Ascender      | 950   |
| H | OS/2  | Typo Descender     | -250  |
|   | OS/2  | Typo Linegap       | 0     |
| I | OS/2  | Win Ascender       | 1140  |
| J | OS/2  | Win Descender      | 250   |
| K | hhea  | Ascender           | 950   |
| L | hhea  | Descender          | -250  |
|   | hhea  | Linegap            | 0     |