



**Recursive** (Beta v1.014, Aug 2019, 3da10a84)

Made by Arrow Type. Type design by Stephen Nixon, with contributions from Katja Schimmel, Lisa Huang, and Rafat Buchner, plus early guidance from faculty and instructors for KABK TypeMedia 2018. Type mastering by Ben Kiel.

Book design by Math Practice.

Typeset with DrawBot by Stephen Nixon.

**<https://recursive.design>**

# *A highly customizable variable font for design, code, and UI.*

Recursive is a versatile new variable font with five stylistic axes. These variation axes enable customizable control within five stylistic ranges: Proportion, Expression, Weight, Slant, and Italic. Carefully-planned named instances also allow selection within a set of predefined styles.

Recursive offers a range of personality, from a sturdy, rational Linear to a friendly, energetic Casual. It comes in two subfamilies: Mono & Sans. Within these subfamilies, characters maintain the exact same width

across all font styles. This allows for smooth stylistic transitions without affecting line length, enabling new levels of typographic flexibility & interactivity.

Flip the pages to see Recursive in motion!

*Recursive has been sponsored by Google Fonts, through which it will soon be released. Recursive is available under the SIL Open Font License and can be freely used in or adapted for any project.*

Google

x 0.00

s 0.00

p 1.00

w 900.00

i 1.00

rw

x 0.00

s -0.31

p 1.00

w 899.93

i 1.00

rw

x 0.00

s -0.63

p 1.00

w 899.74

i 1.00

**rw**

x 0.01

s -0.95

p 1.00

w 899.41

i 1.00

rw



x 0.01

s -1.26

p 1.00

w 898.97

i 1.00

**rw**

x 0.02

s -1.58

p 1.00

w 898.40

i 1.00

**rw**

x 0.02

s -1.89

p 1.00

w 897.71

i 1.00

**rw**

x 0.03

s -2.21

p 1.00

w 896.90

i 1.00

**rw**

x 0.04

s -2.53

p 1.00

w 895.98

i 1.00

**rw**

x 0.05

s -2.84

p 1.00

w 894.95

i 1.00

**rw**

x 0.06

s -3.16

p 1.00

w 893.82

i 1.00

***rw***

x 0.08

s -3.47

p 1.00

w 892.58

i 1.00

***rw***



x 0.09

p 1.00

s -3.79

w 891.23

i 1.00

***rw***

x 0.10

p 1.00

s -4.10

w 889.79

i 1.00

***rw***

x 0.12

p 1.00

s -4.42

w 888.25

i 1.00

***rw***

x 0.13

p 1.00

w 886.62

s -4.74

i 1.00

***rw***

x 0.15

p 1.00

w 884.89

s -5.05

i 1.00

***rw***

x 0.17

p 1.00

w 883.08

s -5.37

i 1.00

***rw***

x 0.19

p 1.00

w 881.18

s -5.68

i 1.00

***rw***

x 0.21

p 1.00

w 879.20

s -6.00

i 1.00

***rw***



x 0.23

p 1.00

w 877.14

s -6.31

i 1.00

***rw***

x 0.25

p 1.00

w 875.00

s -6.63

i 1.00

***rw***

x 0.27

p 1.00

w 872.79

s -6.95

i 1.00

***rw***

x 0.30

p 1.00

w 870.51

s -7.26

i 1.00

***rw***

x 0.32

p 1.00

w 868.16

s -7.58

i 1.00

***rw***

x 0.34

p 1.00

w 865.74

s -7.89

i 1.00

***rw***

x 0.37

p 1.00

w 863.26

s -8.21

i 1.00

***rw***

x 0.39 p 1.00  
s -8.53 w 860.72  
i 1.00

***rw***



x 0.42

p 1.00

w 858.12

s -8.84

i 1.00

***rw***

x 0.45 p 1.00  
w 855.47  
s -9.16 i 1.00

***rw***

x 0.47

p 1.00

w 852.76

s -9.47

i 1.00

***rw***

x 0.50 p 1.00  
w 850.01  
s -9.79 i 1.00

***rw***

x 0.53 p 1.00  
w 847.21  
s -10.10 i 1.00

***rw***

x 0.56 p 1.00  
w 844.37  
s -10.42 i 1.00

***rw***

x 0.58 p 1.00  
w 841.48  
s -10.74 i 1.00

***rw***

x 0.61 p 1.00  
w 838.56  
s -11.05 i 1.00

***rw***



p 1.00  
x 0.64  
w 835.61  
s -11.37  
i 1.00

***rw***

p 1.00  
x 0.67  
w 832.62  
s -11.68  
i 1.00

***rw***

p 1.00  
x 0.70  
w 829.60  
s -12.00  
i 1.00

***rw***

p 1.00  
x 0.73  
w 826.56  
s -12.31  
i 1.00

***rw***

p 1.00  
x 0.76  
w 823.49  
s -12.63  
i 1.00

***rw***

p 1.00  
x 0.80  
w 820.40  
s -12.95  
i 1.00

***rw***

p 1.00  
x 0.83  
w 817.29  
s -13.26  
i 1.00

***rw***

p 1.00  
x 0.86  
w 814.17  
s -13.58  
i 1.00

***rw***



p 1.00  
x 0.89  
w 811.03  
s -13.89  
i 1.00

***rw***

p 1.00  
x 0.92  
w 807.89  
s -14.21  
i 1.00

***rw***

p 1.00  
x 0.95  
w 804.74  
s -14.53  
i 1.00

***rw***

p 1.00  
x 0.98  
w 801.58  
s -14.84  
i 1.00

***rw***

i 0.00

p 1.00  
x 0.98  
w 792.11  
s -14.84

***rw***

i 0.00

p 1.00  
x 0.95  
w 776.32  
s -14.53

***rw***

i 0.00

p 1.00  
x 0.92  
w 760.56  
s -14.21

***rw***

i 0.00

p 1.00  
x 0.89  
w 744.84  
s -13.89

***rw***



i 0.00  
w 729.16  
x 0.86  
p 1.00  
s -13.58

***rw***

i 0.00  
w 713.55  
x 0.83  
p 1.00  
s -13.26

***rw***

i 0.00  
w 698.01  
x 0.80  
p 1.00  
s -12.95

***rw***

i 0.00

x 0.76  
w 682.56  
p 1.00  
s -12.63

***rw***

i 0.00  
x 0.73  
w 667.22  
p 1.00  
s -12.31

***rw***

i 0.00  
w 652.00  
x 0.70  
s -12.00  
p 1.00

***rw***

i 0.00 x 0.67 p 1.00  
w 636.91 s -11.68

***rw***

i 0.00  
w 621.97  
x 0.64  
s -11.37  
p 1.00

***rw***



i 0.00 x 0.61 p 1.00  
w 607.19 s -11.05

***rw***

i 0.00 x 0.58 p 1.00  
w 592.58 s -10.74

***rw***

i 0.00 x 0.56 p 1.00  
w 578.16 s -10.42

***rw***

i 0.00 x 0.53 p 1.00  
w 563.95 s -10.10

***rw***

i 0.00  
w 549.95  
x 0.50  
s -9.79  
p 1.00

***rw***

i 0.00  
x 0.47  
w 536.19  
s -9.47  
p 1.00

***rw***

i 0.00 x 0.45 p 1.00  
w 522.67 s -9.16

***rw***

i 0.00      x 0.42      p 1.00  
w 509.40      s -8.84

***rw***



i 0.00      x 0.39      p 1.00  
w 496.41      s -8.53

***rw***

i 0.00      x 0.37      p 1.00  
w 483.71      s -8.21

***rw***

i 0.00      x 0.34      p 1.00  
w 471.31      s -7.89

***rw***

i 0.00      x 0.32      p 1.00  
w 459.22      s -7.58

***rw***

i 0.00      x 0.30      p 1.00  
w 447.46      s -7.26

***rw***

i 0.00      x 0.27      p 1.00  
w 436.05      s -6.95

***rw***

i 0.00      x 0.25      p 1.00  
w 424.99      s -6.63

***rw***

i 0.00      x 0.23      p 1.00  
w 414.30      s -6.31

***rw***



i 0.00 x 0.21 w 404.00 s -6.00 p 1.00

***rw***

i 0.00      x 0.19      p 1.00  
w 394.10      s -5.68

***rw***

x 0.17 p 1.00  
w 384.61  
s -5.37  
i 0.00

***rw***

x 0.15  
w 375.54  
i 0.00  
s -5.05  
p 1.00

***rw***

x 0.13  
w 366.92  
i 0.00  
s -4.74  
p 1.00

***rw***

x 0.12 p 1.00  
w 358.75  
s -4.42  
i 0.00

***rw***

x 0.10 p 1.00  
w 351.05  
s -4.10  
i 0.00

***rw***

x 0.09  
w 343.84  
i 0.00  
s -3.79  
p 1.00

***rw***



x 0.08  
w 337.12  
s -3.47  
i 0.00  
p 1.00

**rw**

x 0.06 p 1.00  
w 330.91  
s -3.16  
i 0.00

***rw***

x 0.05  
w 325.23  
s -2.84  
i 0.00

p 1.00

**rw**

x 0.04  
w 320.08  
s -2.53  
i 0.00

p 1.00

**rw**

x 0.03  
w 315.49  
s -2.21  
i 0.00

p 1.00

**rw**

x 0.02  
w 311.46  
s -1.89  
i 0.00

p 1.00

**rw**

x 0.02  
w 308.02  
s -1.58  
i 0.00

p 1.00

**rw**

x 0.01  
w 305.17  
s -1.26  
i 0.00

p 1.00

**rw**



x 0.01  
w 302.93  
s -0.95  
i 0.00

p 1.00

**rw**

x 0.00  
w 301.31  
s -0.63  
i 0.00

p 1.00

**rw**

x 0.00  
w 300.33  
s -0.31  
i 0.00

p 1.00

**rw**

x 0.00  
w 300.00  
s 0.00  
i 0.00

p 1.00

**rw**







