

Converting Colors

YIQ(118.4990, -17.7560,
68.5160)

Have a look what the booklet for
YIQ(118.4990, -17.7560, 68.5160)
contains.

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Color

**YIQ(118.4990, -17.7560,
68.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	904FFF
RGB	144, 79, 255
RGB Percent	56%, 31%, 100%
CMY	0.4350, 0.6903, 0.0002
CMYK	0.43, 0.69, 0.00, 0.00
HSL	262°, 100%, 65%
HSV	262°, 69%, 100%
XYZ	32.3489, 18.7401, 96.4755
YIQ	118.4990, -17.7560, 68.5160

Conversions

Conversions Part 2

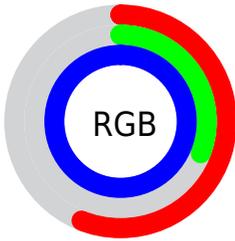
Format	Color
R _{YB}	144, 79, 255
Decimal	9457663
CIE _{Lab}	50.38, 62.97, -77.64
CIE _{LCh}	50, 99.967, 309.041
Y _{xy}	18.7401, 0.2192, 0.1270
Android (android.graphics.Color)	4287647743 (0xFF904FFF)
Y _{UV}	118.4990, 67.2950, 22.3644
Hunter-Lab	43.2898, 57.6296, -101.8306

Details

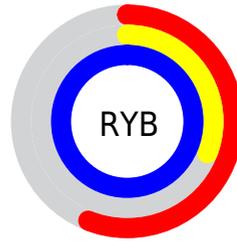
The YIQ color **118.4990, -17.7560, 68.5160** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **215.5010, 17.7560, -68.5160**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **168.4360, 3.7500, 53.2060**, and **59.8900, -20.4150, 67.1450** is the 20% darker color. If you saturate the color by 10%, you get **98.4530, -20.1420, 78.7220**, and if you desaturate by 10%, it is **137.9580, -15.0950, 58.8330**.

Distribution



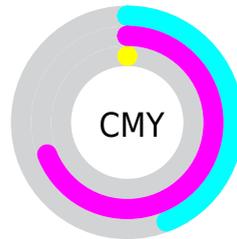
- Red (56%)
- Green (31%)
- Blue (100%)



- Red (56%)
- Yellow (31%)
- Blue (100%)



- Cyan (43%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.4990, -17.7560, 68.5160 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 118.4990, -17.7560, 68.5160 by changing the saturation by 10% instead.

 118.4990,
-17.7560, 68.5160

 118.4990,
-17.7560, 68.5160

255.0000, -0.0000,
-0.0000

 90.0750, -19.4980,
67.0460

 167.8490, 4.0250,
53.7290

 59.8900, -20.4150,
67.1450

 193.2550, 14.2050,
45.4450

 32.7210, -27.4290,
62.0990

 215.6710, 18.4250,
35.0410

 16.1880, -45.5820,
44.1620

 232.1070, 10.7250,
20.3970

 13.1100, -36.9150,
35.7650

 249.7170, 2.4750,
4.7070

 10.1460, -28.5690,
27.6790

 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 118.4990,
-17.7560, 68.5160

■ 118.4990,
-17.7560, 68.5160

■ 98.4530, -20.1420,
78.7220

■ 137.9580,
-15.0950, 58.8330

■ 78.9940, -22.8030,
88.4050

■ 158.0040,
-12.7090, 48.6270

■ 58.9480, -25.1890,
98.6110

■ 177.4630,
-10.0480, 38.9440

■ 57.1760, -25.8310,
99.2330

■ 197.5090, -7.6620,
28.7380

■ 216.9680, -5.0010,
19.0550

■ 237.0140, -2.6150,
8.8490

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



102.4450, -116.2300, 13.9300



118.4990, -17.7560, 68.5160



91.1270, 81.3170, 106.7330

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



118.4990, -17.7560, 68.5160



111.7110, 89.7280, -7.2000



105.7540, -88.3450, -34.4010

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



118.4990, -17.7560, 68.5160



215.5010, 17.7560, -68.5160

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3910, -57.6670, -61.7550



118.4990, -17.7560, 68.5160



110.1520, 38.9330, -39.2990

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



118.4990, -17.7560, 68.5160



73.0420, 142.3060, 53.1700



83.3540, -39.0500, -74.2660



115.6890, -114.9420, -9.4220

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



118.4990, -17.7560, 68.5160



90.7230, 111.2130, 93.5570



83.3540, -39.0500, -74.2660



102.3340, -78.7150, -43.7310

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



118.4990, -17.7560, 68.5160



213.1360, -5.4140, 21.0340



164.2210, -87.0210, -3.3170



102.9370, -3.7160, 12.2840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



118.4990, -17.7560, 68.5160



90.7890, -20.9680, 82.6800



144.5120, 34.0960, 86.9600



117.6780, -1.7890, 4.8910



43.0030, -18.9950, 74.4530



14.4720, -6.2400, 24.9920

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



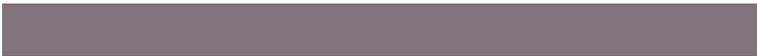
144.2780, 69.2650, 71.8330



121.6640, 83.3380, 86.6180



189.1890, -34.6920, -87.1720



119.7990, 5.1800, 5.2440



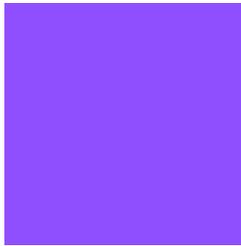
70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 118.4990, -17.7560, 68.5160 looks on a white background.

Color Contrast Check

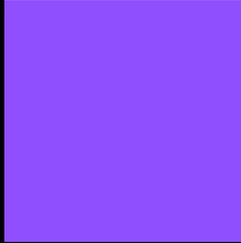
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 118.4990, -17.7560, 68.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

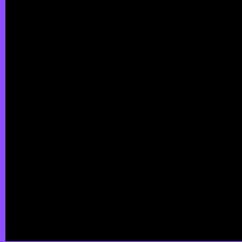
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.4990, -17.7560, 68.5160

Background



This preview shows how black text looks on a background with the YIQ color 118.4990, -17.7560, 68.5160.



This preview shows how white text looks on a background with the YIQ color 118.4990, -17.7560,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

118.4990, -17.7560, 68.5160

Protanopia

95.3210, -109.9490, 15.7390

Deuteranopia

96.2550, -101.5560, 1.2920



Tritanopia

119.2320, -6.4650, 1.5270

Trichromacy



Original Color

118.4990, -17.7560, 68.5160



Protanomaly

103.6940, -76.6660, 34.8060



Deuteranomaly

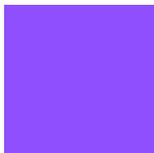
104.2350, -71.3000, 25.6600



Tritanomaly

118.9600, -10.5500, 26.0100

Monochromacy



Original Color

118.4990, -17.7560, 68.5160



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

118.1730, -6.8360, 24.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4990, -17.7560, 68.5160 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 79, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 79, 255) }
```

Border

The CSS property to change the border of an element to YIQ 118.4990, -17.7560, 68.5160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 79, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 79, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 79, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 79,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4990, -17.7560, 68.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 79, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144, 79,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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