

Converting Colors

YIQ(118.2700, -0.4600, 8.3400)

Have a look what the booklet for
YIQ(118.2700, -0.4600, 8.3400)
contains.

YIQ(118.2700, -0.4600, 8.3400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(118.2700, -0.4600,
8.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7185
RGB	123, 113, 133
RGB Percent	48%, 44%, 52%
CMY	0.5176, 0.5569, 0.4784
CMYK	0.08, 0.15, 0.00, 0.48
HSL	270°, 8%, 48%
HSV	270°, 15%, 52%
XYZ	18.3077, 17.7143, 24.6430
YIQ	118.2700, -0.4600, 8.3400

Conversions

Conversions Part 2

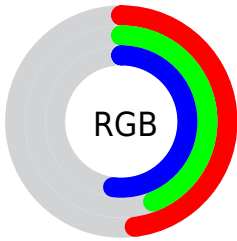
Format	Color
R_{YB}	123, 113, 133
Decimal	8089989
CIE Lab	49.15, 7.95, -9.56
CIE LCh	49, 12.432, 309.749
Yxy	17.7143, 0.3018, 0.2920
Android (android.graphics.Color)	4286280069 (0xFF7B7185)
YUV	118.2700, 7.2619, 4.1482
Hunter-Lab	42.0884, 3.9898, -5.2528

Details

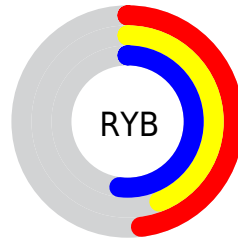
The YIQ color $118.2700, -0.4600, 8.3400$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $127.7300, 0.4600, -8.3400$, and the grayscale version is $118.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $170.6830, -0.1850, 8.8630$, and $69.7430, -0.4140, 7.5060$ is the 20% darker color. If you saturate the color by 10%, you get $108.5460, -1.0570, 13.6550$, and if you desaturate by 10%, it is $127.9940, 0.1370, 3.0250$.

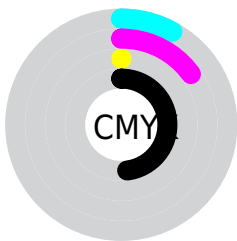
Distribution



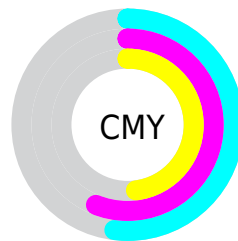
- Red (48%)
- Green (44%)
- Blue (52%)



- Red (48%)
- Yellow (44%)
- Blue (52%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.2700, -0.4600, 8.3400 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 118.2700, -0.4600, 8.3400 by changing the saturation by 10% instead.

■ 118.2700, -0.4600,
8.3400

■ 118.2700, -0.4600,
8.3400

■ 255.0000, -0.0000,
-0.0000

■ 93.8570, -0.7350,
7.8170

■ 170.6830, -0.1850,
8.8630

■ 69.7430, -0.4140,
7.5060

■ 197.7970, -0.5060,
9.1740

■ 47.3300, -0.6890,
6.9830

■ 225.7970, -0.5060,
9.1740

■ 26.9170, -0.9640,
6.4600

■ 250.8910, 1.9250,
3.6610

■ 2.6500, -4.5860,
6.0220

■ 0.0000, 0.0000,
0.0000

■ 118.2700, -0.4600,
8.3400

■ 118.2700, -0.4600,
8.3400

■ 108.5460, -1.0570,
13.6550

■ 127.9940, 0.1370,
3.0250

■ 98.5340, -0.7830,
19.7050

■ 138.0060, -0.1370,
-3.0250

■ 88.8100, -1.3800,
25.0200

■ 147.7300, 0.4600,
-8.3400

■ 79.0860, -1.9770,
30.3350

■ 157.4540, 1.0570,
-13.6550

■ 69.6610, -1.9780,
35.8620

■ 166.8790, 1.0580,
-19.1820

■ 59.3500, -2.3000,
41.7000

■ 177.1900, 1.3800,
-25.0200

■ 49.9250, -2.3010,
47.2270

■ 186.6150, 1.3810,
-30.5470

■ 40.2010, -2.8980,

■ 196.3390, 1.9780,

52.5420

-35.8620

■ 35.1950, -2.7610,
55.5670

■ 206.6500, 2.3000,
-41.7000

Harmonies

Analogous

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



117.1870, -10.5920, 4.7360



118.2700, -0.4600, 8.3400



118.7720, 9.8100, 9.4420

Triad

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



118.2700, -0.4600, 8.3400



117.4440, 16.1850, -1.4710



112.7910, -18.7050, -7.9290

Complementary

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



118.2700, -0.4600, 8.3400



127.7300, 0.4600, -8.3400

Split Complementary

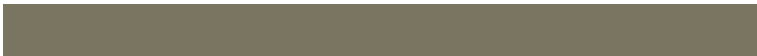
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113.3420, -10.1310, -9.1310



118.2700, -0.4600, 8.3400



116.1010, 9.7210, -5.4710

Square

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



118.2700, -0.4600, 8.3400



118.2750, 18.3390, 3.5470



114.7300, 0.4600, -8.3400



113.3440, -21.6400, -4.2960

Rectangle

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



118.2700, -0.4600, 8.3400



119.1700, 14.4410, 8.1130



114.7300, 0.4600, -8.3400



112.9330, -16.2290, -8.7490

Sweetspot

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



118.2700, -0.4600, 8.3400



167.1080, -0.1840, 3.3360



121.1500, -9.1700, 0.9900



82.5810, -0.1380, 2.5020



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



118.2700, -0.4600, 8.3400



150.3180, -0.4150, 13.0330



121.2600, 5.5000, 10.4600



61.5810, -0.1380, 2.5020



34.2550, -2.9900, 54.2100



0.6410, -0.3670, 1.1450

Inverse Universe

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



120.1200, 8.7100, 7.3500



153.0930, 13.3400, 11.5480



124.7400, -5.5000, -10.4600



62.1360, 2.6130, 2.2050



46.2800, 56.6150, 47.7750



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 118.2700, -0.4600, 8.3400 looks on a white 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

Black Background



This preview shows how the YIQ color 118.2700, -0.4600, 8.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

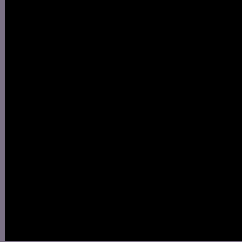
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.2700, -0.4600, 8.3400

Background



This preview shows how black text looks on a background with the YIQ color 118.2700, -0.4600, 8.3400.



This preview shows how white text looks on a background with the YIQ color 118.2700, -0.4600,

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

118.2700, -0.4600, 8.3400

Protanopia

117.2690, -7.8870, 5.2730

Deuteranopia

118.2590, -1.9270, 7.3930



Tritanopia

118.1190, 1.2830, 4.2830

Trichromacy



Original Color

118.2700, -0.4600, 8.3400

Protanomaly

117.7640, -4.9070, 6.3330

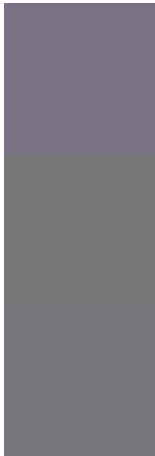
Deuteranomaly

118.5580, -1.3310, 7.6050

Tritanomaly

117.8740, 0.5950, 5.7390

Monochromacy



Original Color

118.2700, -0.4600, 8.3400

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2700, -0.4600, 8.3400 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(123, 113, 133)` looks like.

```
.text, #text, p{  
    color:rgb(123, 113, 133)  
}
```

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(123, 113, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 113, 133) }
```

Border

The CSS property to change the border of an element to YIQ 118.2700, -0.4600, 8.3400 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(123, 113, 133) }
```


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

```
.border{ border-color:rgb(123, 113, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 113, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 113, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 113, 133);  
box-shadow:4px 4px 4px 4px rgb(123, 113,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2700, -0.4600, 8.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 113, 133) }
```

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

```
.background{ background-color: rgb(123,  
113, 133) }
```

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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