

Converting Colors

YIQ(118.3500, -3.4410, 12.8070)

Have a look what the booklet for
YIQ(118.3500, -3.4410, 12.8070)
contains.

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Color

**YIQ(118.3500, -3.4410,
12.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6F90
RGB	123, 111, 144
RGB Percent	48%, 44%, 56%
CMY	0.5176, 0.5647, 0.4353
CMYK	0.15, 0.23, 0.00, 0.44
HSL	262°, 13%, 50%
HSV	262°, 23%, 56%
XYZ	18.8873, 17.5930, 28.7819
YIQ	118.3500, -3.4410, 12.8070

Conversions

Conversions Part 2

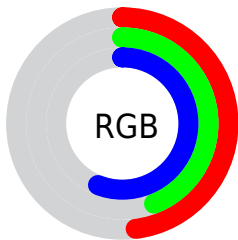
Format	Color
R_{YB}	123, 111, 144
Decimal	8089488
CIE _{Lab}	49.00, 11.61, -16.29
CIE _{LCh}	49, 20.002, 305.474
Yxy	17.5930, 0.2894, 0.2696
Android (android.graphics.Color)	4286279568 (0xFF7B6F90)
YUV	118.3500, 12.6455, 4.0781
Hunter-Lab	41.9440, 6.9764, -11.3239

Details

The YIQ color $[118.3500, -3.4410, 12.8070]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[136.6500, 3.4410, -12.8070]$, and the grayscale version is $[118.0000, 0.0000, -0.0000]$.

A 20% lighter version of the original color is $[170.8770, -3.4870, 13.6410]$, and $[69.8230, -3.3950, 11.9730]$ is the 20% darker color. If you saturate the color by 10%, you get $[107.4410, -4.9550, 18.2210]$, and if you desaturate by 10%, it is $[129.2590, -1.9270, 7.3930]$.

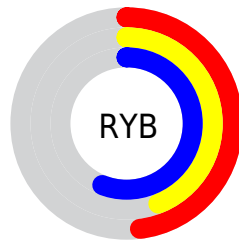
Distribution



Red (48%)

Green (44%)

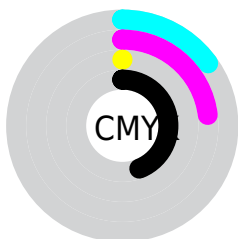
Blue (56%)



Red (48%)

Yellow (44%)

Blue (56%)

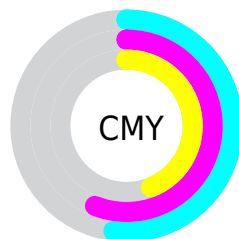


Cyan (15%)

Magenta (23%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3500, -3.4410, 12.8070 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 118.3500, -3.4410, 12.8070 by changing the saturation by 10% instead.

■ 118.3500, -3.4410,
12.8070

■ 118.3500, -3.4410,
12.8070

■ 255.0000, -0.0000,
-0.0000

■ 93.8230, -3.3950,
11.9730

■ 170.8770, -3.4870,
13.6410

■ 69.8230, -3.3950,
11.9730

■ 197.9910, -3.8080,
13.9520

■ 47.2960, -3.3490,
11.1390

■ 226.4040, -3.5330,
14.4750

■ 26.3560, -3.5780,
9.7820

■ 249.7170, 2.4750,
4.7070

■ 3.6760, -7.4750,
8.8210

■ 0.0000, 0.0000,
0.0000

■ 118.3500, -3.4410,
12.8070

■ 118.3500, -3.4410,
12.8070

■ 107.4410, -4.9550,
18.2210

■ 129.2590, -1.9270,
7.3930

■ 95.9450, -6.1940,
24.1580

■ 140.7550, -0.6880,
1.4560

■ 85.0360, -7.7080,
29.5720

■ 151.6640, 0.8260,
-3.9580

■ 73.2410, -9.5430,
35.2970

■ 163.4590, 2.6610,
-9.6830

■ 62.3320, -11.0570,
40.7110

■ 174.3680, 4.1750,
-15.0970

■ 51.4230, -12.5710,
46.1250

■ 185.2770, 5.6890,
-20.5110

■ 39.9270, -13.8100,
52.0620

■ 196.7730, 6.9280,
-26.4480

■ 31.9640, -15.2320,

■ 207.6820, 8.4420,

55.8080

-31.8620

 219.1780, 9.6810,
-37.7990

Harmonies

Analogous

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



115.6790, -20.7250, 6.6590



118.3500, -3.4410, 12.8070



119.3150, 12.8350, 15.1950

Triad

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



118.3500, -3.4410, 12.8070



117.1200, 25.9050, -1.4150



108.7570, -30.5330, -13.8370

Complementary

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



118.3500, -3.4410, 12.8070



136.6500, 3.4410, -12.8070

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.



111.3150, -14.6690, -14.9970



118.3500, -3.4410, 12.8070



115.2280, 16.5530, -8.1430

Square

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



118.3500, -3.4410, 12.8070



117.9450, 28.1960, 6.6280



113.0520, 2.2490, -13.2310



108.4990, -38.3740, -9.3980

Rectangle

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



118.3500, -3.4410, 12.8070



118.9800, 21.0880, 14.3040



113.0520, 2.2490, -13.2310



109.5680, -25.6270, -14.6430

Sweetspot

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



118.3500, -3.4410, 12.8070



175.9770, -1.1930, 5.1030



127.0890, -16.3680, -0.7200



88.6950, -0.4590, 2.8130



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



118.3500, -3.4410, 12.8070



147.0820, -5.3220, 19.3660



123.1340, 6.0950, 16.1990



65.6950, -0.4590, 2.8130



30.0410, -14.1310, 52.3730



1.8090, -0.7800, 3.1240

Inverse Universe

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



123.2610, 12.9270, 13.5270



154.5980, 19.5280, 20.5520



131.8660, -6.0950, -16.1990



66.6630, 2.5670, 3.0390



50.1690, 52.8540, 55.3660



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 118.3500, -3.4410, 12.8070 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 118.3500, -3.4410, 12.8070 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 118.3500, -3.4410, 12.8070

Background



This preview shows how black text looks on a background with the YIQ color 118.3500, -3.4410, 12.8070.



This preview shows how white text looks on a background with the YIQ color 118.3500, -3.4410,

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

118.3500, -3.4410, 12.8070

Protanopia

116.8540, -13.8480, 8.6800

Deuteranopia

117.3060, -9.3090, 9.0190



Tritanopia

117.5210, 0.0910, 3.8590

Trichromacy



Original Color

118.3500, -3.4410, 12.8070

Protanomaly

117.6480, -10.2720, 9.9520

Deuteranomaly

117.6160, -7.2460, 10.1780

Tritanomaly

118.0310, -1.2850, 6.7710

Monochromacy



Original Color

118.3500, -3.4410, 12.8070

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8630, -0.8720, 4.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3500, -3.4410, 12.8070 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, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(123, 111, 144)  
}
```

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, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 111, 144) }
```

Border

The CSS property to change the border of an element to YIQ 118.3500, -3.4410, 12.8070 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, 111, 144) }
```


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

```
.border{ border-color:rgb(123, 111, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 111, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 111, 144);  
box-shadow:4px 4px 4px 4px rgb(123, 111,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3500, -3.4410, 12.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 111, 144) }
```

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

```
.background{ background-color: rgb(123,  
111, 144) }
```

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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