

Converting Colors

YIQ(118.3990, -48.6950,
17.9690)

Have a look what the booklet for
YIQ(118.3990, -48.6950, 17.9690)
contains.

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Color

**YIQ(118.3990, -48.6950,
17.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	5378CB
RGB	83, 120, 203
RGB Percent	33%, 47%, 80%
CMY	0.6745, 0.5293, 0.2042
CMYK	0.59, 0.41, 0.00, 0.20
HSL	221°, 54%, 56%
HSV	221°, 59%, 80%
XYZ	21.0565, 19.5840, 59.1292
YIQ	118.3990, -48.6950, 17.9690

Conversions

Conversions Part 2

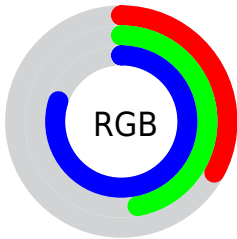
Format	Color
R _Y B	83, 111, 203
Decimal	5470411
CIE Lab	51.36, 12.18, -47.03
CIE LCh	51, 48.579, 284.523
Yxy	19.5840, 0.2111, 0.1963
Android (android.graphics.Color)	4283660491 (0xFF5378CB)
YUV	118.3990, 41.7083, -31.0449
Hunter-Lab	44.2538, 7.4883, -48.2420

Details

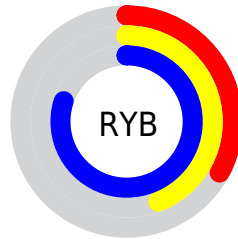
The YIQ color **118.3990, -48.6950, 17.9690** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **167.6010, 48.6950, -17.9690**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.1930, -45.1190, 19.2410**, and **59.4350, -66.7120, 8.5840** is the 20% darker color. If you saturate the color by 10%, you get **104.2010, -56.7650, 21.0510**, and if you desaturate by 10%, it is **132.5970, -40.6250, 14.8870**.

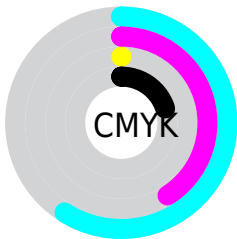
Distribution



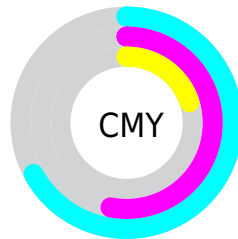
- Red (33%)
- Green (47%)
- Blue (80%)



- Red (33%)
- Yellow (44%)
- Blue (80%)



- Cyan (59%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3990, -48.6950, 17.9690 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 118.3990, -48.6950, 17.9690 by changing the saturation by 10% instead.

■ 118.3990,
-48.6950, 17.9690

■ 118.3990,
-48.6950, 17.9690

■ 255.0000, -0.0000,
-0.0000

■ 91.5510, -52.1790,
15.0290

■ 172.1930,
-45.1190, 19.2410

■ 59.4350, -66.7120,
8.5840

■ 196.7130,
-35.2600, 11.2680

■ 43.2580, -52.9120,
11.7920

■ 221.8200,
-25.6760, 2.7720

■ 28.6680, -39.3870,
14.4770

■ 247.2260,
-15.4960, -5.5120

■ 10.5560, -24.2120,
20.3000

■ 7.9340, -16.8290,
13.1470

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 118.3990,
-48.6950, 17.9690

■ 118.3990,
-48.6950, 17.9690

■ 104.2010,
-56.7650, 21.0510

■ 132.5970,
-40.6250, 14.8870

■ 89.7040, -65.4310,
23.9210

■ 147.0940,
-31.9590, 12.0170

■ 75.5060, -73.5010,
27.0030

■ 161.2920,
-23.8890, 8.9350

■ 61.3080, -81.5710,
30.0850

■ 175.4900,
-15.8190, 5.8530

■ 60.1230, -82.4880,
30.1840

■ 189.6880, -7.7490,
2.7710

■ 204.1850, 0.9170,
-0.0990

■ 218.3830, 8.9870,
-3.1810

■ 232.5810, 17.0570,
-6.2630

■ 243.7890, 19.1670,
-11.4650

Harmonies

Analogous

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



101.0990, -101.4170, -6.7370



118.3990, -48.6950, 17.9690



126.3580, 3.2490, 34.7450

Triad

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



118.3990, -48.6950, 17.9690



120.3870, 65.0580, 10.3860



94.0530, -70.5540, -42.9540

Complementary

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



118.3990, -48.6950, 17.9690



167.6010, 48.6950, -17.9690

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.



109.9940, -10.1720, -35.9320



118.3990, -48.6950, 17.9690



119.4000, 53.8750, -12.7250

Square

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



118.3990, -48.6950, 17.9690



121.2520, 61.8450, 30.0770



116.2130, 28.9360, -28.8240



100.1290, -84.9070, -30.6270

Rectangle

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



118.3990, -48.6950, 17.9690



125.3520, 29.7490, 39.0690



116.2130, 28.9360, -28.8240



99.0460, -51.4810, -41.6970

Sweetspot

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



118.3990, -48.6950, 17.9690



222.4620, -18.6160, 6.9840



162.7880, -59.3220, -37.2580



107.5890, -11.7840, 4.3120



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.



118.3990, -48.6950, 17.9690



127.5060, -73.5010, 27.0030



103.2580, -25.4080, 41.9840



94.9010, -4.0350, 1.5410



48.8610, -67.3110, 24.9530



11.3760, -15.4980, 5.5420

Inverse Universe

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



123.0980, 59.6430, 36.9470



134.5030, 89.9000, 55.7880



182.7420, 25.4080, -41.9840



95.3320, 4.9970, 3.0530



55.4480, 82.5650, 51.0530



12.7300, 18.7960, 11.7880

Previews

White Background



This preview shows how the YIQ color 118.3990, -48.6950, 17.9690 looks on a white background.

Color Contrast Check

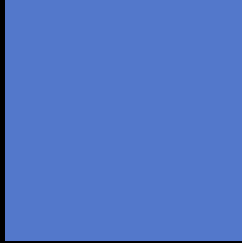
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3990, -48.6950, 17.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

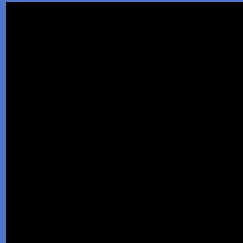
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.3990, -48.6950, 17.9690

Background



This preview shows how black text looks on a background with the YIQ color 118.3990, -48.6950, 17.9690.

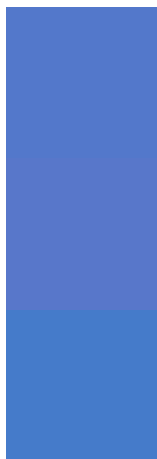


This preview shows how white text looks on a background with the YIQ color 118.3990, -48.6950,

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

118.3990, -48.6950, 17.9690

Protanopia

119.1930, -45.1190, 19.2410

Deuteranopia

115.8600, -57.5430, 13.1210



Tritanopia

111.5300, -48.8270, -12.6910

Trichromacy



Original Color

118.3990, -48.6950, 17.9690

Protanomaly

118.5950, -46.3110, 18.8170

Deuteranomaly

116.7680, -54.2880, 14.7040

Tritanomaly

113.6800, -48.8290, -1.6370

Monochromacy



Original Color

118.3990, -48.6950, 17.9690

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2340, -17.9740, 6.3620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3990, -48.6950, 17.9690 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(83, 120, 203)` looks like.

```
.text, #text, p{  
    color:rgb(83, 120, 203)  
}
```

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(83, 120, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 120, 203) }
```

Border

The CSS property to change the border of an element to YIQ 118.3990, -48.6950, 17.9690 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(83, 120, 203) }
```


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

```
.border{ border-color:rgb(83, 120, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 120, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 120, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 120, 203);  
box-shadow:4px 4px 4px 4px rgb(83, 120,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3990, -48.6950, 17.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 120, 203) }
```

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

```
.background{ background-color: rgb(83, 120,  
203) }
```

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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