

Converting Colors

YIQ(122.6620, -48.4180, 7.4380)

Have a look what the booklet for
YIQ(122.6620, -48.4180, 7.4380)
contains.

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Color

**YIQ(122.6620, -48.4180,
7.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	5183BD
RGB	81, 131, 189
RGB Percent	32%, 51%, 74%
CMY	0.6824, 0.4862, 0.2591
CMYK	0.57, 0.31, 0.00, 0.26
HSL	212°, 45%, 53%
HSV	212°, 57%, 74%
XYZ	20.6894, 21.6582, 51.1997
YIQ	122.6620, -48.4180, 7.4380

Conversions

Conversions Part 2

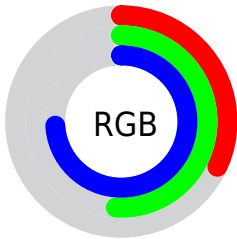
Format	Color
R_{YB}	81, 115, 189
Decimal	5342141
CIE _{Lab}	53.66, 0.50, -35.42
CIE _{LCh}	54, 35.421, 270.816
Yxy	21.6582, 0.2212, 0.2315
Android (android.graphics.Color)	4283532221 (0xFF5183BD)
YUV	122.6620, 32.7046, -36.5376
Hunter-Lab	46.5384, -2.0869, -32.6517

Details


The YIQ color **122.6620, -48.4180, 7.4380** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **147.3380, 48.4180, -7.4380**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **177.3140, -47.3180, 9.5300**, and **65.9160, -61.1170, 0.7950** is the 20% darker color. If you saturate the color by 10%, you get **111.1110, -56.9920, 8.6400**, and if you desaturate by 10%, it is **134.2130, -39.8440, 6.2360**.

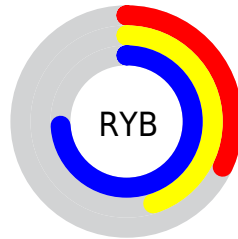
Distribution



 Red (32%)

 Green (51%)

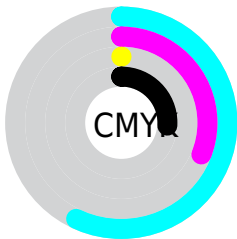
 Blue (74%)




 Red (32%)

 Yellow (45%)

 Blue (74%)

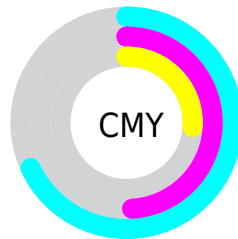


 Cyan (57%)


 Magenta (31%)

 Yellow (0%)

 Black (26%)



 Cyan (68%)

 Magenta (49%)

 Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6620, -48.4180, 7.4380 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 122.6620, -48.4180, 7.4380 by changing the saturation by 10% instead.

■ 122.6620,
-48.4180, 7.4380

■ 122.6620,
-48.4180, 7.4380

■ 255.0000, -0.0000,
-0.0000

■ 95.9390, -50.7560,
5.7560

■ 177.2000,
-46.9970, 9.2190

■ 65.9160, -61.1170,
0.7950

■ 202.5610,
-40.9440, 4.1440

■ 47.1730, -51.5350,
3.3530

■ 228.2550,
-31.6350, -4.8750

■ 31.9960, -37.7350,
6.5610

■ 245.7310,
-18.4760, -6.5720

■ 16.9330, -24.2560,
10.0800

■ 254.7010, -0.5960,
-0.2120

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 122.6620,
-48.4180, 7.4380

■ 122.6620,
-48.4180, 7.4380

■ 111.1110,
-56.9920, 8.6400

■ 134.2130,
-39.8440, 6.2360

■ 99.5600, -65.5660,
9.8420

■ 145.7640,
-31.2700, 5.0340

■ 88.0090, -74.1400,
11.0440

■ 157.3150,
-22.6960, 3.8320

■ 75.8710, -82.4390,
12.7690

■ 169.4530,
-14.3970, 2.1070

■ 73.2020, -84.8690,
12.7550

■ 180.7050, -6.4190,
0.6930

■ 192.2560, 2.1550,
-0.5090

■ 203.8070, 10.7290,
-1.7110

■ 215.3580, 19.3030,
-2.9130

■ 226.9090, 27.8770,
-4.1150

Harmonies

Analogous

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



102.2270, -96.3260, -16.4060



122.6620, -48.4180, 7.4380



130.5420, -12.4290, 21.5150

Triad

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



122.6620, -48.4180, 7.4380



129.4100, 49.0560, 14.0480



117.4350, -24.2950, -27.7750

Complementary

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



122.6620, -48.4180, 7.4380



147.3380, 48.4180, -7.4380

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.



122.6530, 7.3860, -23.7340



122.6620, -48.4180, 7.4380



127.8850, 45.6200, -0.7800

Square

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



122.6620, -48.4180, 7.4380



131.0690, 40.2510, 24.9470



125.7270, 30.9050, -14.9430



104.2030, -70.5560, -31.9000

Rectangle

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



122.6620, -48.4180, 7.4380



131.7250, 9.1650, 26.6450



125.7270, 30.9050, -14.9430



119.4210, -12.5120, -26.5600

Sweetspot

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



122.6620, -48.4180, 7.4380



218.9410, -18.7070, 3.1250



151.0080, -48.3180, -38.4460



107.1930, -10.7290, 1.7110



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



122.6620, -48.4180, 7.4380



141.0520, -75.6990, 11.7650



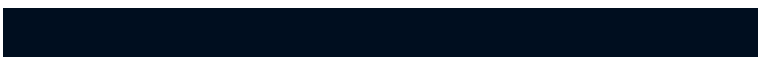
94.5080, -32.2840, 34.4360



88.3740, -3.9890, 0.7070



60.8630, -70.7930, 10.9590



11.7520, -13.8010, 2.3190

Inverse Universe

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



118.9920, 48.3180, 38.4460



135.4230, 75.6860, 60.0860



175.4920, 32.2840, -34.4360



88.1470, 4.0800, 3.1520



55.5640, 70.7350, 56.1990



10.8650, 13.9820, 10.9260

Previews

White Background



This preview shows how the YIQ color 122.6620, -48.4180, 7.4380 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 122.6620, -48.4180, 7.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

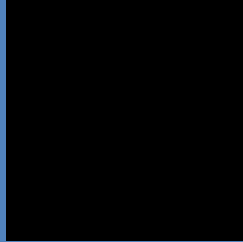
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.6620, -48.4180, 7.4380

Background



This preview shows how black text looks on a background with the YIQ color 122.6620, -48.4180, 7.4380.

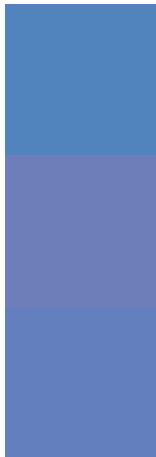


This preview shows how white text looks on a background with the YIQ color 122.6620, -48.4180,

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

122.6620, -48.4180, 7.4380

Protanopia

127.6430, -29.0710, 14.7450

Deuteranopia

126.1090, -36.3150, 13.8690



Tritanopia

118.1280, -47.6350, -12.2670

Trichromacy



Original Color

122.6620, -48.4180, 7.4380

Protanomaly

125.9410, -35.9020, 11.8900

Deuteranomaly

124.6030, -40.7620, 11.8620

Tritanomaly

119.7570, -47.7280, -5.0720

Monochromacy



Original Color

122.6620, -48.4180, 7.4380

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0120, -17.4690, 2.7150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.6620, -48.4180, 7.4380 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(81, 131, 189)` looks like.

```
.text, #text, p{  
    color:rgb(81, 131, 189)  
}
```

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(81, 131, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 131, 189) }
```

Border

The CSS property to change the border of an element to YIQ 122.6620, -48.4180, 7.4380 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(81, 131, 189) }
```


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

```
.border{ border-color:rgb(81, 131, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 131, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 131, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 131, 189);  
box-shadow:4px 4px 4px 4px rgb(81, 131,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6620, -48.4180, 7.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 131, 189) }
```

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

```
.background{ background-color: rgb(81, 131,  
189) }
```

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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