

# Converting Colors

YIQ(122.3130, -54.7450, 6.4630)

Have a look what the booklet for  
YIQ(122.3130, -54.7450, 6.4630)  
contains.

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# Color

**YIQ(122.3130, -54.7450,  
6.4630)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A85C2
RGB	74, 133, 194
RGB Percent	29%, 52%, 76%
CMY	0.7099, 0.4783, 0.2395
CMYK	0.62, 0.31, 0.00, 0.24
HSL	210°, 50%, 53%
HSV	210°, 62%, 76%
XYZ	20.9430, 22.1287, 54.1667
YIQ	122.3130, -54.7450, 6.4630

# Conversions

## Conversions Part 2

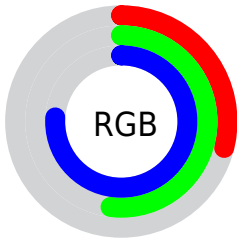
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 114, 194
Decimal	4883906
CIE <sub>Lab</sub>	54.16, -0.43, -37.50
CIE <sub>LCh</sub>	54, 37.504, 269.342
Yxy	22.1287, 0.2154, 0.2276
Android (android.graphics.Color)	4283073986 (0xFF4A85C2)
YUV	122.3130, 35.3417, -42.3705
Hunter-Lab	47.0412, -2.8528, -35.3421

# Details

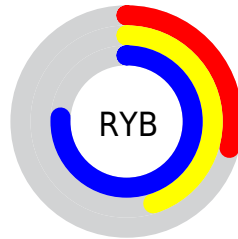
The YIQ color **122.3130, -54.7450, 6.4630** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **145.6870, 54.7450, -6.4630**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **177.2640, -53.0490, 8.7670**, and **65.2680, -68.0400, -0.3920** is the 20% darker color. If you saturate the color by 10%, you get **110.7620, -63.3190, 7.6650**, and if you desaturate by 10%, it is **133.8640, -46.1710, 5.2610**.

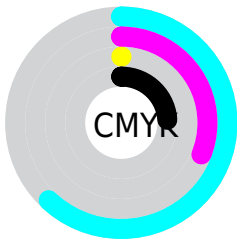
# Distribution



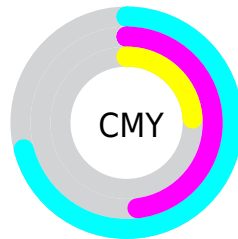
- Red (29%)
- Green (52%)
- Blue (76%)



- Red (29%)
- Yellow (45%)
- Blue (76%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (24%)



- Cyan (71%)
- Magenta (48%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 122.3130, -54.7450, 6.4630 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 122.3130, -54.7450, 6.4630 by changing the saturation by 10% instead.



■ 122.3130,  
-54.7450, 6.4630

■ 122.3130,  
-54.7450, 6.4630

■ 255.0000, -0.0000,  
-0.0000

■ 94.6930, -58.8710,  
4.1450

■ 177.2640,  
-53.0490, 8.7670

■ 65.2680, -68.0400,  
-0.3920

■ 202.8270,  
-44.7490, 1.5150

■ 48.8030, -53.3690,  
3.5510

■ 227.9340,  
-35.1650, -6.9810

■ 33.6260, -39.5690,  
6.7590

■ 244.5350,  
-20.8600, -7.4200

■ 18.5630, -26.0900,  
10.2780

■ 253.2060, -3.5760,  
-1.2720

■ 6.6630, -14.6280,  
11.8040

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,  
0.0000

■ 122.3130,  
-54.7450, 6.4630

■ 122.3130,  
-54.7450, 6.4630

■ 110.7620,  
-63.3190, 7.6650

■ 133.8640,  
-46.1710, 5.2610

■ 98.9120, -72.4890,  
8.6550

■ 145.7140,  
-37.0010, 4.2710

■ 87.3610, -81.0630,  
9.8570

■ 157.2650,  
-28.4270, 3.0690

■ 77.8810, -88.3990,  
10.6490

■ 168.5280,  
-18.9820, 2.6020

■ 180.0790,  
-10.4080, 1.4000

■ 191.6300, -1.8340,  
0.1980

■ 203.4800, 7.3360,  
-0.7920

■ 215.0310, 15.9100,  
-1.9940

■ 226.8810, 25.0800,  
-2.9840

# Harmonies

## Analogous

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



103.7430, -97.8390, -16.5190



122.3130, -54.7450, 6.4630



131.4000, -14.9050, 22.3350

# Triad

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



122.3130, -54.7450, 6.4630



130.4320, 51.9900, 15.9420



117.7940, -23.9280, -28.9200

# Complementary

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



122.3130, -54.7450, 6.4630



145.6870, 54.7450, -6.4630

# 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.



123.4960, 9.2660, -24.7660



122.3130, -54.7450, 6.4630



129.1520, 49.2420, -0.3420

# Square

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



122.3130, -54.7450, 6.4630



132.0200, 41.9470, 27.2510



126.5810, 34.2520, -15.0280



100.2940, -81.2380, -36.5500



# Rectangle

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



122.3130, -54.7450, 6.4630



133.1810, 7.8810, 27.8890



126.5810, 34.2520, -15.0280



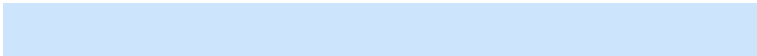
120.3670, -12.4200, -28.2280

# Sweetspot

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



122.3130, -54.7450, 6.4630



223.5600, -22.0080, 2.3760



151.2800, -52.2600, -44.1000



110.2250, -13.7550, 1.4850



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.



122.3130, -54.7450, 6.4630



141.2080, -85.0060, 9.7300



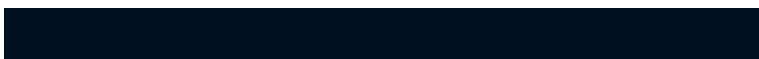
87.6800, -38.5200, 37.3200



91.0750, -4.5850, 0.4950



64.7270, -73.4060, 8.7540



13.1540, -14.9930, 1.8950



# Inverse Universe

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



116.6060, 52.5810, 43.7890



132.1020, 81.3240, 68.0440



180.3200, 38.5200, -37.3200



90.5600, 4.3550, 3.6750



57.1450, 70.5970, 58.7010

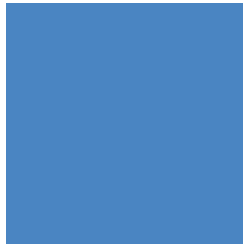


11.6910, 14.5320, 11.9720



# Previews

## White Background



This preview shows how the YIQ color 122.3130, -54.7450, 6.4630 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 122.3130, -54.7450, 6.4630 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 122.3130, -54.7450, 6.4630

## Background



This preview shows how black text looks on a background with the YIQ color 122.3130, -54.7450, 6.4630.



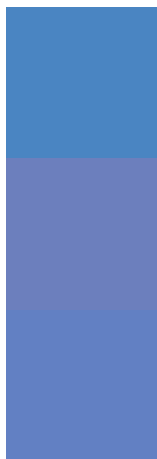
This preview shows how white text looks on a background with the YIQ color 122.3130, -54.7450,



# 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

122.3130, -54.7450, 6.4630

### Protanopia

128.3870, -31.2260, 15.2540

### Deuteranopia

126.6680, -39.3870, 14.4770



## Tritanopia

116.3550, -55.7040, -14.7120

# Trichromacy



## Original Color

122.3130, -54.7450, 6.4630

## Protanomaly

126.2010, -39.5700, 12.2860

## Deuteranomaly

125.1510, -45.3010, 11.5230

## Tritanomaly

118.3970, -55.5220, -6.9940

# Monochromacy



## Original Color

122.3130, -54.7450, 6.4630

## Achromatopsia

122.0000, 0.0000, -0.0000

## Achromatomaly

122.2290, -19.5780, 2.3900

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 122.3130, -54.7450, 6.4630 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(74, 133, 194)` looks like.

```
.text, #text, p{  
    color:rgb(74, 133, 194)  
}
```

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(74, 133, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 133, 194) }
```

## Border

The CSS property to change the border of an element to YIQ 122.3130, -54.7450, 6.4630 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(74, 133, 194) }
```



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

```
.border{ border-color:rgb(74, 133, 194) }
```

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

Here you see how a box with a 4 pixel rgb(74, 133, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 133, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 133, 194);  
box-shadow:4px 4px 4px 4px rgb(74, 133,  
194) }
```

# Background

The CSS property to change the background color of an element to YIQ 122.3130, -54.7450, 6.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 133, 194) }
```

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

```
.background{ background-color: rgb(74, 133,  
194) }
```

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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