

# Converting Colors

YIQ(148.1090, -54.6510,  
-6.2590)

Have a look what the booklet for  
YIQ(148.1090, -54.6510, -6.2590)  
contains.

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# Color

**YIQ(148.1090, -54.6510,  
-6.2590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA7C6
RGB	92, 167, 198
RGB Percent	36%, 65%, 78%
CMY	0.6394, 0.3450, 0.2238
CMYK	0.54, 0.16, 0.00, 0.22
HSL	197°, 48%, 57%
HSV	197°, 54%, 78%
XYZ	28.4200, 33.9966, 58.4530
YIQ	148.1090, -54.6510, -6.2590

# Conversions

## Conversions Part 2

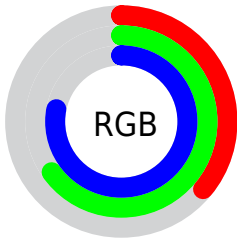
Format	Color
R <sub>Y</sub> B	92, 136, 198
Decimal	6072262
CIE Lab	64.96, -14.62, -22.96
CIE LCh	65, 27.219, 237.519
Yxy	33.9966, 0.2351, 0.2813
Android (android.graphics.Color)	4284262342 (0xFF5CA7C6)
YUV	148.1090, 24.5963, -49.2076
Hunter-Lab	58.3066, -15.0314, -18.6243

# Details

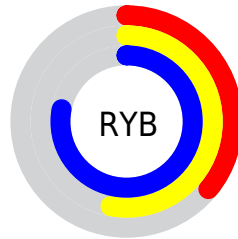
The YIQ color **148.1090, -54.6510, -6.2590** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **141.8910, 54.6510, 6.2590**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9350, -54.1010, -5.2130**, and **91.9940, -61.7570, -9.6370** is the 20% darker color. If you saturate the color by 10%, you get **138.6070, -64.9210, -7.3610**, and if you desaturate by 10%, it is **157.6110, -44.3810, -5.1570**.

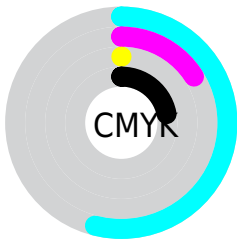
# Distribution



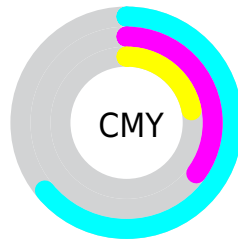
- Red (36%)
- Green (65%)
- Blue (78%)



- Red (36%)
- Yellow (53%)
- Blue (78%)



- Cyan (54%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (35%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1090, -54.6510, -6.2590 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 148.1090, -54.6510, -6.2590 by changing the saturation by 10% instead.



■ 148.1090,  
-54.6510, -6.2590

■ 148.1090,  
-54.6510, -6.2590

■ 255.0000, -0.0000,  
-0.0000

■ 120.7990,  
-56.7140, -7.4180

■ 203.9350,  
-54.1010, -5.2130

■ 91.9940, -61.7570,  
-9.6370

■ 229.6290,  
-44.7920, -14.2320

■ 66.2820, -62.6280,  
-10.3720

■ 240.6480,  
-28.6080, -10.1760

■ 50.0450, -48.5990,  
-5.8070

■ 249.3190,  
-11.3240, -4.0280

■ 34.3950, -34.8450,  
-1.7650

■ 20.0330, -21.9620,  
1.5420

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,  
0.0000

■ 148.1090,  
-54.6510, -6.2590

■ 148.1090,  
-54.6510, -6.2590

■ 138.6070,  
-64.9210, -7.3610

■ 157.6110,  
-44.3810, -5.1570

■ 129.1050,  
-75.1910, -8.4630

■ 167.1130,  
-34.1110, -4.0550

■ 120.4890,  
-85.1400, -9.8760

■ 175.7290,  
-24.1620, -2.6420

■ 110.9870,  
-95.4100, -10.9780

■ 185.2310,  
-13.8920, -1.5400

■ 104.7520,  
-102.0580, -11.6420

■ 194.7330, -3.6220,  
-0.4380

■ 204.2350, 6.6480,  
0.6640

■ 213.1500, 17.1930,  
2.2890

■ 222.3530, 26.8670,  
3.1790

■ 227.3700, 28.1970,  
1.1010

# Harmonies

## Analogous

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



145.0020, -56.2080, -16.5920



148.1090, -54.6510, -6.2590



154.7680, -37.0930, 5.9390

# Triad

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



148.1090, -54.6510, -6.2590



161.2310, 30.8070, 19.8870



153.8260, 8.5770, -17.7830

# Complementary

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



148.1090, -54.6510, -6.2590



141.8910, 54.6510, 6.2590

# 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.



156.3340, 27.8780, -9.6420



148.1090, -54.6510, -6.2590



159.8650, 40.3450, 12.2250

# Square

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



148.1090, -54.6510, -6.2590



161.4170, 12.7880, 21.5560



158.2310, 38.8340, 1.0580



150.3270, -14.9430, -21.0470



# Rectangle

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



148.1090, -54.6510, -6.2590



158.1940, -20.4970, 13.5430



158.2310, 38.8340, 1.0580



155.0010, 15.4540, -15.7620

# Sweetspot

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



148.1090, -54.6510, -6.2590



235.6970, -21.1360, -2.4160



157.6420, -38.7800, -46.1080



115.8290, -12.7000, -1.1160



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.



148.1090, -54.6510, -6.2590



178.0870, -83.9480, -9.4520



117.5850, -40.3510, 20.9370



95.1350, -4.8140, -0.8620



86.6740, -84.2230, -9.9750



18.7790, -18.4310, -1.8790



# Inverse Universe

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



132.2440, 39.1010, 45.7970



153.8470, 60.2330, 70.3210



172.4150, 40.3510, -20.9370



93.4890, 3.1170, 4.0850



61.9610, 59.9120, 70.6320



13.6140, 13.4310, 15.4070



# Previews

## White Background



This preview shows how the YIQ color 148.1090, -54.6510, -6.2590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 148.1090, -54.6510, -6.2590 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 ✓ Pass

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

# YIQ 148.1090, -54.6510, -6.2590

## Background



This preview shows how black text looks on a background with the YIQ color 148.1090, -54.6510, -6.2590.



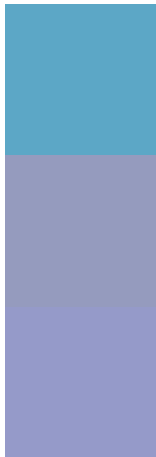
This preview shows how white text looks on a background with the YIQ color 148.1090, -54.6510, -6.2590.

-6.2590.

# 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

148.1090, -54.6510, -6.2590

### Protanopia

157.1960, -14.8110, 9.6130

### Deuteranopia

157.8630, -18.0670, 13.5570



## Tritanopia

146.6650, -53.6410, -13.5530

# Trichromacy



## Original Color

148.1090, -54.6510, -6.2590

## Protanomaly

153.6070, -29.3900, 4.0020

## Deuteranomaly

154.4050, -31.6370, 6.1790

## Tritanomaly

147.2460, -53.7790, -11.0510

# Monochromacy



## Original Color

148.1090, -54.6510, -6.2590

## Achromatopsia

148.0000, -0.0000, 0.0000

## Achromatomaly

148.1810, -19.6230, -2.3030

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 148.1090, -54.6510, -6.2590 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(92, 167, 198)` looks like.

```
.text, #text, p{  
    color:rgb(92, 167, 198)  
}
```

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(92, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 167, 198) }
```

## Border

The CSS property to change the border of an element to YIQ 148.1090, -54.6510, -6.2590 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".

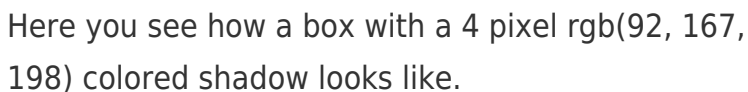
```
.border, #border, table{ border:4px solid rgb(92, 167, 198) }
```



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

```
.border{ border-color:rgb(92, 167, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 167, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 167, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 167, 198); box-shadow:4px 4px 4px 4px rgb(92, 167, 198) }
```

# Background

The CSS property to change the background color of an element to YIQ 148.1090, -54.6510, -6.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 167, 198) }
```

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

```
.background{ background-color: rgb(92, 167,  
198) }
```

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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