

# Converting Colors

YIQ(155.2310, -66.6180,  
-4.1380)

Have a look what the booklet for  
YIQ(155.2310, -66.6180, -4.1380)  
contains.

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# Color

**YIQ(155.2310, -66.6180,  
-4.1380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59B0DE
RGB	89, 176, 222
RGB Percent	35%, 69%, 87%
CMY	0.6511, 0.3097, 0.1297
CMYK	0.60, 0.21, 0.00, 0.13
HSL	201°, 67%, 61%
HSV	201°, 60%, 87%
XYZ	32.8226, 38.4565, 74.7464
YIQ	155.2310, -66.6180, -4.1380

# Conversions

## Conversions Part 2

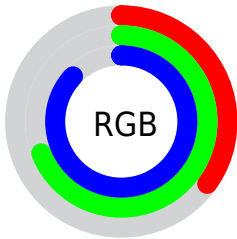
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 142, 222
Decimal	5877982
CIELab	68.36, -12.81, -30.99
CIELCh	68, 33.533, 247.539
Yxy	38.4565, 0.2248, 0.2634
Android (android.graphics.Color)	4284068062 (0xFF59B0DE)
YUV	155.2310, 32.9171, -58.0846
Hunter-Lab	62.0133, -14.0463, -28.0546

# Details

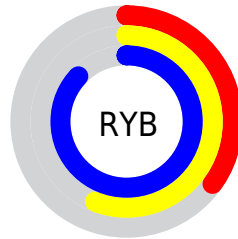
The YIQ color **155.2310, -66.6180, -4.1380** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **155.7690, 66.6180, 4.1380**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8050, -56.8510, -10.4430**, and **91.8260, -87.7070, -12.9150** is the 20% darker color. If you saturate the color by 10%, you get **143.9570, -77.5300, -4.6180**, and if you desaturate by 10%, it is **166.5050, -55.7060, -3.6580**.

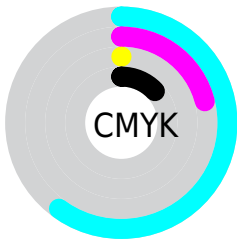
# Distribution



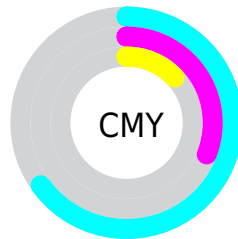
- Red (35%)
- Green (69%)
- Blue (87%)



- Red (35%)
- Yellow (56%)
- Blue (87%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (31%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2310, -66.6180, -4.1380 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 155.2310, -66.6180, -4.1380 by changing the saturation by 10% instead.



■ 155.2310,  
-66.6180, -4.1380

■ 155.2310,  
-66.6180, -4.1380

■ 255.0000, -0.0000,  
-0.0000

■ 126.3230,  
-69.8730, -5.7210

■ 209.8050,  
-56.8510, -10.4430

■ 91.8260, -87.7070,  
-12.9150

■ 232.2760,  
-45.2960, -16.1120

■ 74.0730, -72.1650,  
-8.2370

■ 240.9470,  
-28.0120, -9.9640

■ 57.0210, -57.2190,  
-3.7710

■ 249.9170,  
-10.1320, -3.6040

■ 40.7840, -43.1900,  
0.7940

■ 25.7210, -29.7110,  
4.3130

■ 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,  
6.3190

■ 0.0000, 0.0000,  
0.0000

■ 155.2310,  
-66.6180, -4.1380

■ 155.2310,  
-66.6180, -4.1380

■ 143.9570,  
-77.5300, -4.6180

■ 166.5050,  
-55.7060, -3.6580

■ 133.2700,  
-88.7170, -5.6210

■ 177.1920,  
-44.5190, -2.6550

■ 121.6970,  
-100.2250, -6.3130

■ 188.7650,  
-33.0110, -1.9630

■ 110.4230,  
-111.1370, -6.7930

■ 200.0390,  
-22.0990, -1.4830

■ 210.7260,  
-10.9120, -0.4800

■ 222.0000, -0.0000,  
0.0000

■ 233.2740, 10.9120,  
0.4800

■ 240.6720, 15.5430,  
-0.8490

■ 245.3680, 13.3430,  
-5.0330

# Harmonies

## Analogous

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



147.3180, -80.6450, -19.7570



155.2310, -66.6180, -4.1380



164.7560, -36.8190, 11.9890

# Triad

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



155.2310, -66.6180, -4.1380



169.7550, 44.0110, 22.8830



160.7170, 1.3340, -24.1860

# Complementary

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



155.2310, -66.6180, -4.1380



155.7690, 66.6180, 4.1380

# 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.



163.9330, 27.3290, -16.2150



155.2310, -66.6180, -4.1380



168.4870, 50.1570, 10.6130

# Square

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



155.2310, -66.6180, -4.1380



171.0380, 24.3410, 26.9410



166.7060, 44.5660, -3.7060



155.4390, -30.1180, -26.8700



# Rectangle

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



155.2310, -66.6180, -4.1380



168.9330, -15.0880, 20.1440



166.7060, 44.5660, -3.7060



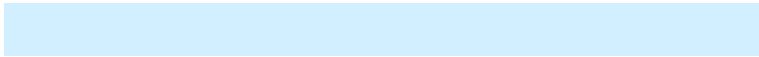
161.5610, 10.6410, -22.1510

# Sweetspot

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



155.2310, -66.6180, -4.1380



231.8540, -23.0160, -1.3840



172.0870, -50.6990, -55.8750



113.4590, -14.5340, -0.9180



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.



155.2310, -66.6180, -4.1380



163.0030, -92.3390, -6.0590



117.0760, -48.7430, 29.8570



106.3630, -5.4560, -0.2400



87.5690, -88.1210, -5.4090



24.2560, -24.2080, -1.8080



# Inverse Universe

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



138.6850, 51.3410, 55.2530



139.8100, 70.8230, 76.6390



193.9240, 48.7430, -29.8570



105.0870, 4.3090, 4.5090



65.7340, 67.9810, 73.0770



18.0000, 18.3360, 20.1280



# Previews

## White Background



This preview shows how the YIQ color 155.2310, -66.6180, -4.1380 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

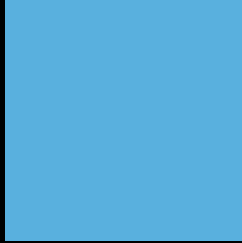
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 155.2310, -66.6180, -4.1380 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

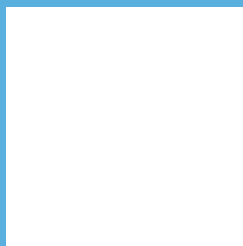
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 155.2310, -66.6180, -4.1380

## Background



This preview shows how black text looks on a background with the YIQ color 155.2310, -66.6180, -4.1380.



This preview shows how white text looks on a background with the YIQ color 155.2310, -66.6180, -4.1380.

-4.1380.

# 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

155.2310, -66.6180, -4.1380

### Protanopia

166.2970, -22.2850, 12.9070

### Deuteranopia

165.5830, -28.8420, 16.1020



## Tritanopia

151.5000, -66.4780, -17.6940

# Trichromacy



## Original Color

155.2310, -66.6180, -4.1380

## Protanomaly

162.1100, -38.0560, 6.8720

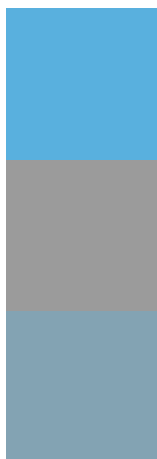
## Deuteranomaly

162.1250, -42.4120, 8.7240

## Tritanomaly

152.6620, -66.7540, -12.6900

# Monochromacy



## Original Color

155.2310, -66.6180, -4.1380

## Achromatopsia

155.0000, -0.0000, 0.0000

## Achromatomaly

155.2560, -24.2080, -1.8080

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 155.2310, -66.6180, -4.1380 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(89, 176, 222)` looks like.

```
.text, #text, p{  
    color:rgb(89, 176, 222)  
}
```

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(89, 176, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 176, 222) }
```

## Border

The CSS property to change the border of an element to YIQ 155.2310, -66.6180, -4.1380 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(89, 176, 222) }
```



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

```
.border{ border-color:rgb(89, 176, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 176, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 176, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 176, 222);  
box-shadow:4px 4px 4px 4px rgb(89, 176,  
222) }
```

# Background

The CSS property to change the background color of an element to YIQ 155.2310, -66.6180, -4.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 176, 222) }
```

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

```
.background{ background-color: rgb(89, 176,  
222) }
```

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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