

Converting Colors

YIQ(151.7940, -58.3180,
-11.3900)

Have a look what the booklet for
YIQ(151.7940, -58.3180, -11.3900)
contains.

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Color

**YIQ(151.7940, -58.3180,
-11.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	59AFC5
RGB	89, 175, 197
RGB Percent	35%, 69%, 77%
CMY	0.6512, 0.3136, 0.2277
CMYK	0.55, 0.11, 0.00, 0.23
HSL	192°, 48%, 56%
HSV	192°, 55%, 77%
XYZ	29.5230, 36.8238, 58.3369
YIQ	151.7940, -58.3180, -11.3900

Conversions

Conversions Part 2

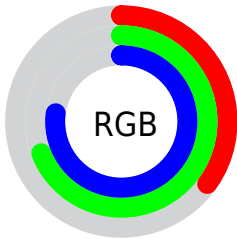
Format	Color
RYB	89, 137, 197
Decimal	5877701
CIELab	67.14, -19.76, -19.09
CIELCh	67, 27.475, 224.001
Yxy	36.8238, 0.2368, 0.2953
Android (android.graphics.Color)	4284067781 (0xFF59AFC5)
YUV	151.7940, 22.2866, -55.0703
Hunter-Lab	60.6826, -19.3518, -14.5203

Details

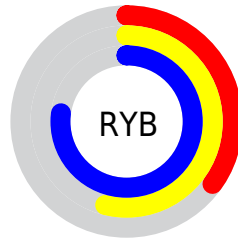
The YIQ color **151.7940, -58.3180, -11.3900** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **134.2060, 58.3180, 11.3900**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.5060, -57.4470, -10.6550**, and **93.2980, -68.7250, -15.5170** is the 20% darker color. If you saturate the color by 10%, you get **143.4660, -69.1380, -13.5380**, and if you desaturate by 10%, it is **160.1220, -47.4980, -9.2420**.

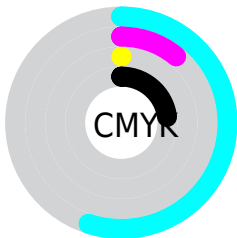
Distribution



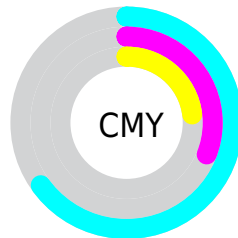
- Red (35%)
- Green (69%)
- Blue (77%)



- Red (35%)
- Yellow (54%)
- Blue (77%)



- Cyan (55%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (65%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.7940, -58.3180, -11.3900 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 151.7940, -58.3180, -11.3900 by changing the saturation by 10% instead.

■ 151.7940,
-58.3180, -11.3900

■ 151.7940,
-58.3180, -11.3900

■ 255.0000, -0.0000,
-0.0000

■ 123.5980,
-60.7020, -12.2380

■ 208.5060,
-57.4470, -10.6550

■ 93.2980, -68.7250,
-15.5170

■ 231.3790,
-47.0840, -16.7480

■ 70.2770, -64.2320,
-14.3440

■ 240.0500,
-29.8000, -10.6000

■ 53.4530, -49.9280,
-9.2560

■ 248.7210,
-12.5160, -4.4520

■ 37.8030, -36.1740,
-5.2140

■ 23.5550, -23.6120,
-1.5960

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 151.7940,
-58.3180, -11.3900

■ 151.7940,
-58.3180, -11.3900

■ 143.4660,
-69.1380, -13.5380

■ 160.1220,
-47.4980, -9.2420

■ 135.4370,
-79.3620, -15.4740

■ 168.1510,
-37.2740, -7.3060

■ 127.1090,
-90.1820, -17.6220

■ 176.4790,
-26.4540, -5.1580

■ 118.7810,
-101.0020, -19.7700

■ 184.8070,
-15.6340, -3.0100

■ 114.6170,
-106.4120, -20.8440

■ 192.8360, -5.4100,
-1.0740

■ 201.1640, 5.4100,
1.0740

■ 209.4920, 16.2300,
3.2220

■ 217.8200, 27.0500,
5.3700

■ 222.5600, 30.7180,
4.9740

Harmonies

Analogous

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



150.9440, -50.2930, -19.1650



151.7940, -58.3180, -11.3900



157.5170, -46.8120, 0.3560

Triad

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



151.7940, -58.3180, -11.3900



167.5770, 24.0210, 21.7250



161.0830, 18.1590, -15.2250

Complementary

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



151.7940, -58.3180, -11.3900



134.2060, 58.3180, 11.3900

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.



163.0900, 34.6170, -5.1190



151.7940, -58.3180, -11.3900



166.2440, 37.9600, 16.9040

Square

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



151.7940, -58.3180, -11.3900



166.6160, 1.9220, 20.2420



165.3610, 41.5840, 6.2880



157.6010, -4.0310, -20.5670

Rectangle

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



151.7940, -58.3180, -11.3900



161.9860, -31.7750, 8.6810



165.3610, 41.5840, 6.2880



161.8990, 24.6690, -12.0590

Sweetspot

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



151.7940, -58.3180, -11.3900



238.0450, -22.2360, -4.5080



154.9040, -36.7620, -49.6420



117.5900, -13.5250, -2.6850



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.



151.7940, -58.3180, -11.3900



184.8100, -90.7780, -17.8340



120.0960, -43.4680, 16.8520



95.1350, -4.8140, -0.8620



94.8920, -88.0730, -17.2970



20.5400, -19.2560, -3.4480

Inverse Universe

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



131.0960, 36.7620, 49.6420



152.5080, 57.1140, 77.2900



165.9040, 43.4680, -16.8520



93.4890, 3.1170, 4.0850



63.5570, 55.4180, 74.9860



13.9560, 12.4680, 16.3400

Previews

White Background



This preview shows how the YIQ color 151.7940, -58.3180, -11.3900 looks on a white background.

Color Contrast Check

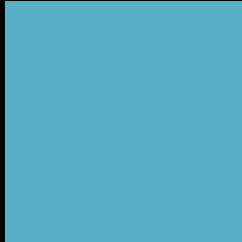
Large Text (above 18pt) WCAG AA × Fail

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 151.7940, -58.3180, -11.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

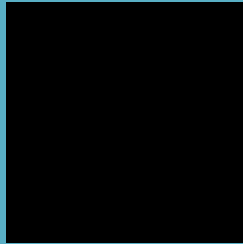
Any Text WCAG AA ✓ Pass

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 151.7940, -58.3180, -11.3900 Background



This preview shows how black text looks on a background with the YIQ color 151.7940, -58.3180, -11.3900.



This preview shows how white text looks on a background with the YIQ color 151.7940, -58.3180, -11.3900.

-11.3900.

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

151.7940, -58.3180, -11.3900

Protanopia

163.1810, -10.4550, 7.7610

Deuteranopia

163.6740, -13.1610, 12.7510



Tritanopia

150.6860, -58.1340, -14.7260

Trichromacy



Original Color

151.7940, -58.3180, -11.3900

Protanomaly

158.9830, -27.6930, 0.7790

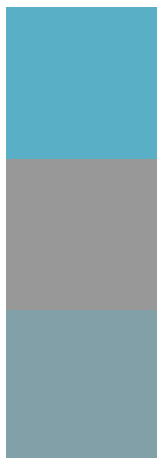
Deuteranomaly

159.6070, -29.3900, 4.0020

Tritanomaly

151.3270, -58.5010, -13.5810

Monochromacy



Original Color

151.7940, -58.3180, -11.3900

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.6430, -21.0440, -4.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.7940, -58.3180, -11.3900 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, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(89, 175, 197)  
}
```

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, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 175, 197) }
```

Border

The CSS property to change the border of an element to YIQ 151.7940, -58.3180, -11.3900 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, 175, 197) }
```


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

```
.border{ border-color:rgb(89, 175, 197) }
```

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

Here you see how a box with a 4 pixel rgb(89, 175, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(89, 175,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 151.7940, -58.3180, -11.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 175, 197) }
```

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

```
.background{ background-color: rgb(89, 175,  
197) }
```

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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