

Converting Colors

YIQ(154.8370, -59.8770,
-10.6690)

Have a look what the booklet for
YIQ(154.8370, -59.8770, -10.6690)
contains.

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Color

**YIQ(154.8370, -59.8770,
-10.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB2CB
RGB	91, 178, 203
RGB Percent	36%, 70%, 80%
CMY	0.6433, 0.3018, 0.2042
CMYK	0.55, 0.12, 0.00, 0.20
HSL	193°, 52%, 58%
HSV	193°, 55%, 80%
XYZ	31.0089, 38.3857, 62.2338
YIQ	154.8370, -59.8770, -10.6690

Conversions

Conversions Part 2

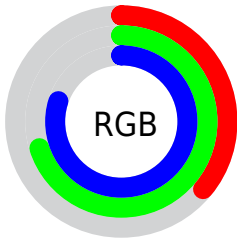
Format	Color
R _Y B	91, 140, 203
Decimal	6009547
CIE Lab	68.30, -19.17, -20.63
CIE LCh	68, 28.161, 227.093
Yxy	38.3857, 0.2356, 0.2916
Android (android.graphics.Color)	4284199627 (0xFF5BB2CB)
YUV	154.8370, 23.7444, -55.9850
Hunter-Lab	61.9562, -19.0845, -16.1863

Details

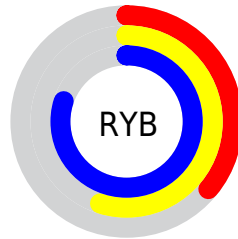
The YIQ color **154.8370, -59.8770, -10.6690** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **139.1630, 59.8770, 10.6690**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9790, -57.4010, -11.4890**, and **96.3410, -70.2840, -14.7960** is the 20% darker color. If you saturate the color by 10%, you get **146.5090, -70.6970, -12.8170**, and if you desaturate by 10%, it is **163.7520, -49.3320, -9.0440**.

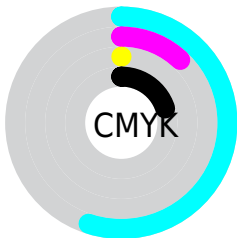
Distribution



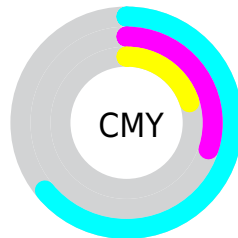
- Red (36%)
- Green (70%)
- Blue (80%)



- Red (36%)
- Yellow (55%)
- Blue (80%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.8370, -59.8770, -10.6690 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 154.8370, -59.8770, -10.6690 by changing the saturation by 10% instead.

■ 154.8370,
-59.8770, -10.6690

■ 154.8370,
-59.8770, -10.6690

■ 255.0000, -0.0000,
-0.0000

■ 126.5270,
-61.9400, -11.8280

■ 210.9790,
-57.4010, -11.4890

■ 96.3410, -70.2840,
-14.7960

■ 231.9770,
-45.8920, -16.3240

■ 72.7220, -66.9830,
-14.0470

■ 240.6480,
-28.6080, -10.1760

■ 55.7840, -52.3580,
-9.2700

■ 249.6180,
-10.7280, -3.8160

■ 39.5470, -38.3290,
-4.7050

■ 24.5980, -25.1710,
-0.8750

■ 4.7080, -10.5010,

8.5950

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 154.8370,
-59.8770, -10.6690

■ 154.8370,
-59.8770, -10.6690

■ 146.5090,
-70.6970, -12.8170

■ 163.7520,
-49.3320, -9.0440

■ 137.2950,
-81.8380, -14.6540

■ 172.3790,
-37.9160, -6.6840

■ 128.9670,
-92.6580, -16.8020

■ 181.2940,
-27.3710, -5.0590

■ 120.0520,
-103.2030, -18.4270

■ 189.6220,
-16.5510, -2.9110

■ 115.8880,
-108.6130, -19.5010

■ 198.5370, -6.0060,
-1.2860

■ 207.1640, 5.4100,
1.0740

■ 216.0790, 15.9550,
2.6990

■ 224.4070, 26.7750,
4.8470

■ 227.9400, 26.5920,
2.6560

Harmonies

Analogous

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



153.7910, -54.2360, -19.2920



154.8370, -59.8770, -10.6690



160.8700, -46.3080, 2.2360

Triad

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



154.8370, -59.8770, -10.6690



170.6590, 26.7260, 22.2620



164.0720, 16.6920, -16.1720

Complementary

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



154.8370, -59.8770, -10.6690



139.1630, 59.8770, 10.6690

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.



166.1500, 34.3880, -6.4760



154.8370, -59.8770, -10.6690



169.5000, 40.1150, 16.3950

Square

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



154.8370, -59.8770, -10.6690



170.1110, 4.9020, 21.3020



168.0190, 42.5470, 5.3550



160.4050, -6.4150, -21.4150

Rectangle

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



154.8370, -59.8770, -10.6690



165.5240, -30.3540, 10.4620



168.0190, 42.5470, 5.3550



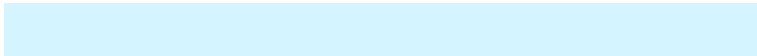
164.7740, 23.5230, -13.3170

Sweetspot

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



154.8370, -59.8770, -10.6690



236.2730, -22.8780, -3.8860



159.4800, -38.5040, -51.1120



116.7040, -13.8460, -2.3740



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.



154.8370, -59.8770, -10.6690



183.0490, -89.9530, -16.2650



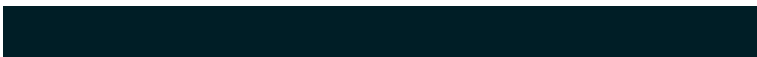
122.5520, -44.7520, 18.0960



97.8360, -5.4100, -1.0740



94.6470, -88.7610, -15.8410



21.9420, -20.4480, -3.8720

Inverse Universe

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



134.4060, 38.8250, 50.8010



152.1660, 58.0770, 76.3570



171.4480, 44.7520, -18.0960



95.9020, 3.3920, 4.6080



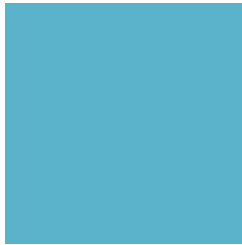
64.3400, 57.5270, 75.3110



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 154.8370, -59.8770, -10.6690 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 154.8370, -59.8770, -10.6690 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 154.8370, -59.8770, -10.6690 Background



This preview shows how black text looks on a background with the YIQ color 154.8370, -59.8770, -10.6690.



This preview shows how white text looks on a background with the YIQ color 154.8370, -59.8770, -10.6690.

-10.6690.

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

154.8370, -59.8770, -10.6690

Protanopia

166.2240, -12.0140, 8.4820

Deuteranopia

166.7170, -14.7200, 13.4720



Tritanopia

154.0880, -59.3260, -15.1500

Trichromacy



Original Color

154.8370, -59.8770, -10.6690

Protanomaly

162.0260, -29.2520, 1.5000

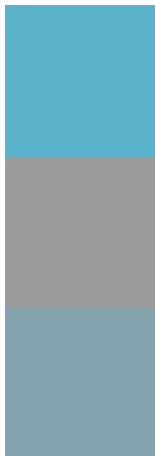
Deuteranomaly

162.6500, -30.9490, 4.7230

Tritanomaly

154.1420, -59.4180, -13.4820

Monochromacy



Original Color

154.8370, -59.8770, -10.6690

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.7570, -21.3650, -3.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8370, -59.8770, -10.6690 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(91, 178, 203)` looks like.

```
.text, #text, p{  
    color:rgb(91, 178, 203)  
}
```

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(91, 178, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 178, 203) }
```

Border

The CSS property to change the border of an element to YIQ 154.8370, -59.8770, -10.6690 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

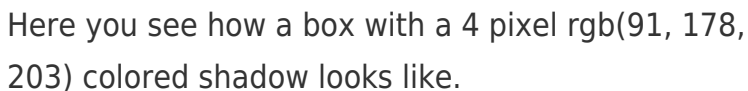
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 178, 203) }
```


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

```
.border{ border-color:rgb(91, 178, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 178, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 178, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 178, 203); box-shadow:4px 4px 4px 4px rgb(91, 178, 203) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8370, -59.8770, -10.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 178, 203) }
```

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

```
.background{ background-color: rgb(91, 178,  
203) }
```

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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