

Converting Colors

YIQ(156.8190, -59.4660,
-1.5940)

Have a look what the booklet for
YIQ(156.8190, -59.4660, -1.5940)
contains.

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Color

**YIQ(156.8190, -59.4660,
-1.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	63AEDC
RGB	99, 174, 220
RGB Percent	39%, 68%, 86%
CMY	0.6119, 0.3175, 0.1375
CMYK	0.55, 0.21, 0.00, 0.14
HSL	203°, 63%, 63%
HSV	203°, 55%, 86%
XYZ	33.1927, 38.0985, 73.2664
YIQ	156.8190, -59.4660, -1.5940

Conversions

Conversions Part 2

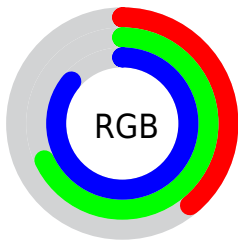
Format	Color
RYB	99, 145, 220
Decimal	6532828
CIELab	68.09, -10.37, -30.27
CIELCh	68, 31.996, 251.096
Yxy	38.0985, 0.2296, 0.2636
Android (android.graphics.Color)	4284722908 (0xFF63AEDC)
YUV	156.8190, 31.1482, -50.7073
Hunter-Lab	61.7240, -12.0268, -27.1705

Details

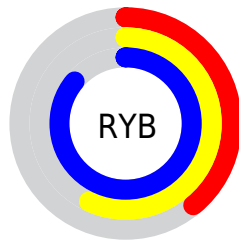
The YIQ color **156.8190, -59.4660, -1.5940** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **162.1810, 59.4660, 1.5940**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **210.4360, -51.2580, -7.1780**, and **99.9920, -67.4430, -5.7070** is the 20% darker color. If you saturate the color by 10%, you get **145.5450, -70.3780, -2.0740**, and if you desaturate by 10%, it is **168.0930, -48.5540, -1.1140**.

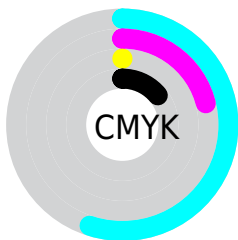
Distribution



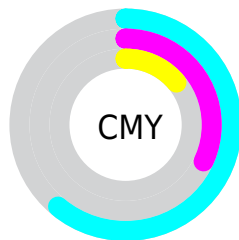
- Red (39%)
- Green (68%)
- Blue (86%)



- Red (39%)
- Yellow (57%)
- Blue (86%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (61%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.8190, -59.4660, -1.5940 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 156.8190, -59.4660, -1.5940 by changing the saturation by 10% instead.

■ 156.8190,
-59.4660, -1.5940

■ 156.8190,
-59.4660, -1.5940

■ 255.0000, -0.0000,
-0.0000

■ 128.8080,
-60.9330, -2.5410

■ 210.4360,
-51.2580, -7.1780

■ 99.9920, -67.4430,
-5.7070

■ 234.3690,
-41.1240, -14.6280

■ 72.6710, -70.9730,
-7.8130

■ 243.3390,
-23.2440, -8.2680

■ 55.7330, -56.3480,
-3.0360

■ 252.3090, -5.3640,
-1.9080

■ 39.9690, -42.2730,
0.6950

■ 24.9060, -28.7940,
4.2140

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 156.8190,
-59.4660, -1.5940

■ 156.8190,
-59.4660, -1.5940

■ 145.5450,
-70.3780, -2.0740

■ 168.0930,
-48.5540, -1.1140

■ 133.6840,
-81.0150, -2.0310

■ 179.9540,
-37.9170, -1.1570

■ 122.4100,
-91.9270, -2.5110

■ 191.2280,
-27.0050, -0.6770

■ 111.1360,
-102.8390, -2.9910

■ 202.5020,
-16.0930, -0.1970

■ 104.9120,
-108.0200, -2.7080

■ 214.3630, -5.4560,
-0.2400

■ 225.6370, 5.4560,
0.2400

■ 236.9110, 16.3680,
0.7200

■ 242.7920, 15.0850,
-3.5630

■ 247.4880, 12.8850,
-7.7470

Harmonies

Analogous

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



149.1340, -74.1350, -16.5910



156.8190, -59.4660, -1.5940



164.9200, -31.4090, 13.0630

Triad

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



156.8190, -59.4660, -1.5940



168.9890, 43.2320, 20.4800



159.3900, -2.0590, -23.2670

Complementary

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



156.8190, -59.4660, -1.5940



162.1810, 59.4660, 1.5940

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.



163.3670, 23.1110, -16.8650



156.8190, -59.4660, -1.5940



167.6500, 48.1400, 8.6200

Square

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



156.8190, -59.4660, -1.5940



169.8810, 26.2210, 25.9090



165.9120, 40.9900, -4.9780



154.8950, -31.4020, -25.6260

Rectangle

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



156.8190, -59.4660, -1.5940



168.3850, -10.5490, 20.4830



165.9120, 40.9900, -4.9780



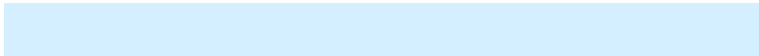
160.8210, 6.9730, -21.7550

Sweetspot

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



156.8190, -59.4660, -1.5940



232.7510, -21.2280, -0.7480



175.0430, -47.3990, -49.5990



114.3560, -12.7460, -0.2820



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.



156.8190, -59.4660, -1.5940



167.2000, -82.5280, -2.1440



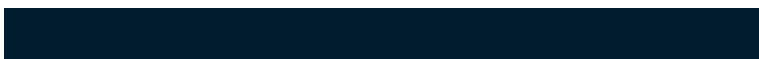
122.1860, -43.2410, 29.2630



103.7760, -5.1810, 0.2830



83.1180, -85.2330, -2.6810



21.6800, -22.4660, -0.3380

Inverse Universe

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



143.7290, 48.0410, 48.9770



149.0880, 66.7440, 67.9600



196.8140, 43.2410, -29.2630



102.9730, 4.6300, 4.1980



64.0390, 68.4400, 70.2640



16.9460, 18.4280, 18.4600

Previews

White Background



This preview shows how the YIQ color 156.8190, -59.4660, -1.5940 looks on a white background.

Color Contrast Check

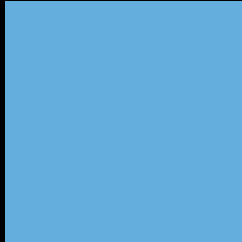
Large Text (above 18pt) WCAG AA × Fail

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 156.8190, -59.4660, -1.5940 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 156.8190, -59.4660, -1.5940

Background



This preview shows how black text looks on a background with the YIQ color 156.8190, -59.4660, -1.5940.



This preview shows how white text looks on a background with the YIQ color 156.8190, -59.4660, -1.5940.

-1.5940.

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

156.8190, -59.4660, -1.5940

Protanopia

165.5960, -21.6890, 13.1190

Deuteranopia

165.5400, -27.2830, 15.3810



Tritanopia

153.6860, -58.1340, -14.7260

Trichromacy



Original Color

156.8190, -59.4660, -1.5940

Protanomaly

162.3060, -35.6720, 7.7200

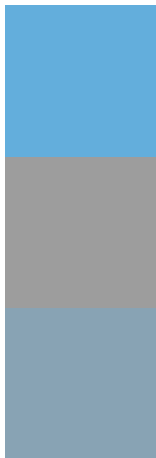
Deuteranomaly

162.3920, -38.7900, 9.1620

Tritanomaly

154.8480, -58.4100, -9.7220

Monochromacy



Original Color

156.8190, -59.4660, -1.5940

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.8650, -21.5490, -0.4370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.8190, -59.4660, -1.5940 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(99, 174, 220)` looks like.

```
.text, #text, p{  
    color:rgb(99, 174, 220)  
}
```

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(99, 174, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 174, 220) }
```

Border

The CSS property to change the border of an element to YIQ 156.8190, -59.4660, -1.5940 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(99, 174, 220) }
```


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

```
.border{ border-color:rgb(99, 174, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 174, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 174, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 174, 220);  
box-shadow:4px 4px 4px 4px rgb(99, 174,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 156.8190, -59.4660, -1.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 174, 220) }
```

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

```
.background{ background-color: rgb(99, 174,  
220) }
```

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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