

Converting Colors

YIQ(59.1070, -76.3910, 35.3290)

Have a look what the booklet for
YIQ(59.1070, -76.3910, 35.3290)
contains.

YIQ(59.1070, -76.3910, 35.3290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(59.1070, -76.3910,
35.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	0839CC
RGB	8, 57, 204
RGB Percent	3%, 22%, 80%
CMY	0.9685, 0.7764, 0.2004
CMYK	0.96, 0.72, 0.00, 0.20
HSL	225°, 92%, 42%
HSV	225°, 96%, 80%
XYZ	12.4506, 7.3344, 57.8194
YIQ	59.1070, -76.3910, 35.3290

Conversions

Conversions Part 2

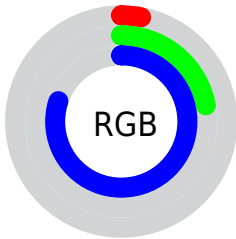
Format	Color
R _Y B	8, 47, 204
Decimal	539084
CIE Lab	32.56, 44.64, -78.24
CIE LCh	33, 90.078, 299.706
Yxy	7.3344, 0.1604, 0.0945
Android (android.graphics.Color)	4278729164 (0xFF0839CC)
YUV	59.1070, 71.4322, -44.8208
Hunter-Lab	27.0822, 34.6684, -107.6242

Details

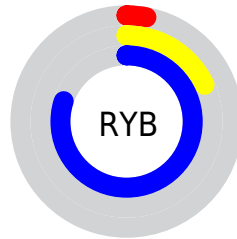
The YIQ color **59.1070, -76.3910, 35.3290** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **152.8930, 76.3910, -35.3290**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8010, -48.7460, 46.4380**, and **25.6770, -51.6330, 38.1830** is the 20% darker color. If you saturate the color by 10%, you get **53.1930, -79.5090, 36.7710**, and if you desaturate by 10%, it is **73.8920, -68.5960, 31.7240**.

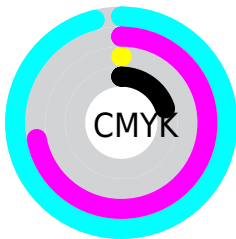
Distribution



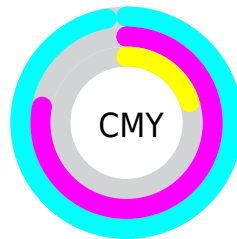
- Red (3%)
- Green (22%)
- Blue (80%)



- Red (3%)
- Yellow (18%)
- Blue (80%)



- Cyan (96%)
- Magenta (72%)
- Yellow (0%)
- Black (20%)



- Cyan (97%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.1070, -76.3910, 35.3290 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 59.1070, -76.3910, 35.3290 by changing the saturation by 10% instead.

■ 59.1070, -76.3910,
35.3290

■ 59.1070, -76.3910,
35.3290

■ 255.0000, -0.0000,
-0.0000

■ 40.6090, -66.1210,
36.4310

■ 121.8010,
-48.7460, 46.4380

■ 25.6770, -51.6330,
38.1830

■ 146.0440,
-36.5490, 40.1470

■ 13.9080, -39.1620,
37.9420

■ 170.8740,
-24.6270, 33.3330

■ 13.8790, -32.1910,
27.2410

■ 195.9920,
-13.5760, 25.7840

■ 12.7900, -24.9910,
17.8970

■ 221.6970, -2.8000,
17.7120

■ 7.7060, -16.1870,
12.5250

■ 245.6080, 4.4000,

■ 3.5510, -8.6210,

8.3680

7.5630

■ 0.0000, 0.0000,
0.0000

■ 59.1070, -76.3910,
35.3290

■ 59.1070, -76.3910,
35.3290

■ 53.1930, -79.5090,
36.7710

■ 73.8920, -68.5960,
31.7240

■ 89.5630, -60.4800,
27.8080

■ 104.3480,
-52.6850, 24.2030

■ 119.4320,
-44.2940, 20.8100

■ 134.2170,
-36.4990, 17.2050

■ 149.5890,
-28.9790, 13.0770

■ 164.6730,
-20.5880, 9.6840

■ 179.4580,
-12.7930, 6.0790

■ 195.1290, -4.6770,
2.1630

Harmonies

Analogous

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



77.7790, -96.3790, 23.1170



59.1070, -76.3910, 35.3290



63.1460, 43.6340, 79.2980

Triad

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



59.1070, -76.3910, 35.3290



64.2100, 78.8580, 13.5940



67.1360, -51.2540, -29.2860

Complementary

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



59.1070, -76.3910, 35.3290



152.8930, 76.3910, -35.3290

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.



57.5260, -26.9500, -51.2540



59.1070, -76.3910, 35.3290



72.4300, 35.9950, -19.0850

Square

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



59.1070, -76.3910, 35.3290



55.7860, 104.6200, 42.3160



53.4170, -25.0250, -47.5930



76.6320, -75.2370, -7.6290

Rectangle

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



59.1070, -76.3910, 35.3290



66.5730, 75.6840, 71.1400



53.4170, -25.0250, -47.5930



64.2860, -43.2290, -37.0610

Sweetspot

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



59.1070, -76.3910, 35.3290



200.5890, -28.9790, 13.0770



139.4680, -100.1240, -57.7240



94.5870, -17.4700, 8.2420



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.



59.1070, -76.3910, 35.3290



66.6380, -99.4550, 45.8330



44.0980, -35.5000, 70.7080



94.3140, -3.7600, 2.0640



42.9910, -64.5610, 30.1830



10.2020, -14.9480, 6.5880

Inverse Universe

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



72.1900, 101.0870, 56.7910



83.5410, 131.4360, 73.9640



167.9020, 35.5000, -70.7080



95.2180, 5.3180, 2.7420



54.3080, 85.7750, 47.9430



12.5020, 19.4380, 11.1660

Previews

White Background



This preview shows how the YIQ color 59.1070, -76.3910, 35.3290 looks on a white 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

Black Background



This preview shows how the YIQ color 59.1070, -76.3910, 35.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

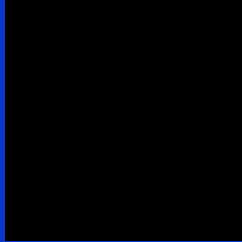
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.1070, -76.3910, 35.3290

Background



This preview shows how black text looks on a background with the YIQ color 59.1070, -76.3910, 35.3290.



This preview shows how white text looks on a background with the YIQ color 59.1070, -76.3910,

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

59.1070, -76.3910, 35.3290

Protanopia

61.1080, -70.1050, 9.5030

Deuteranopia

61.4210, -64.0970, -0.2650



Tritanopia

60.0410, -51.9440, -16.7760

Trichromacy



Original Color

59.1070, -76.3910, 35.3290

Protanomaly

60.5350, -72.4450, 18.8750

Deuteranomaly

60.5860, -68.4550, 12.6410

Tritanomaly

59.8560, -60.8880, 2.1520

Monochromacy



Original Color

59.1070, -76.3910, 35.3290

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.7740, -28.0620, 12.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.1070, -76.3910, 35.3290 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(8, 57, 204)` looks like.

```
.text, #text, p{  
    color:rgb(8, 57, 204)  
}
```

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(8, 57, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 57, 204) }
```

Border

The CSS property to change the border of an element to YIQ 59.1070, -76.3910, 35.3290 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(8, 57, 204) }
```


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

```
.border{ border-color:rgb(8, 57, 204) }
```

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

Here you see how a box with a 4 pixel rgb(8, 57, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 57, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 57, 204);  
box-shadow:4px 4px 4px 4px rgb(8, 57, 204)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.1070, -76.3910, 35.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 57, 204) }
```

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

```
.background{ background-color: rgb(8, 57,  
204) }
```

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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