

Converting Colors

YIQ(59.5480, -73.3190, 34.7210)

Have a look what the booklet for
YIQ(59.5480, -73.3190, 34.7210)
contains.

YIQ(59.5480, -73.3190, 34.7210)	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>	30

Color

**YIQ(59.5480, -73.3190,
34.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	0B39C8
RGB	11, 57, 200
RGB Percent	4%, 22%, 78%
CMY	0.9567, 0.7764, 0.2161
CMYK	0.94, 0.71, 0.00, 0.22
HSL	225°, 90%, 41%
HSV	225°, 94%, 78%
XYZ	12.0154, 7.1647, 55.3305
YIQ	59.5480, -73.3190, 34.7210

Conversions

Conversions Part 2

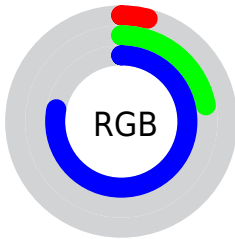
Format	Color
RYB	11, 48, 200
Decimal	735688
CIELab	32.18, 43.27, -76.53
CIElCh	32, 87.919, 299.484
Yxy	7.1647, 0.1613, 0.0962
Android (android.graphics.Color)	4278925768 (0xFF0B39C8)
YUV	59.5480, 69.2428, -42.5766
Hunter-Lab	26.7669, 33.2849, -103.8230

Details

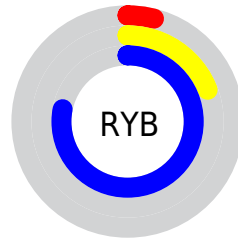
The YIQ color **59.5480, -73.3190, 34.7210** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **151.4520, 73.3190, -34.7210**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **120.9150, -49.0670, 46.7490**, and **25.9220, -50.9450, 36.7270** is the 20% darker color. If you saturate the color by 10%, you get **51.5630, -77.6750, 36.5730**, and if you desaturate by 10%, it is **74.3330, -65.5240, 31.1160**.

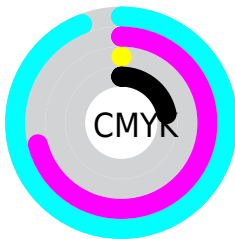
Distribution



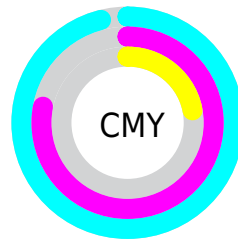
- Red (4%)
- Green (22%)
- Blue (78%)



- Red (4%)
- Yellow (19%)
- Blue (78%)



- Cyan (94%)
- Magenta (71%)
- Yellow (0%)
- Black (22%)



- Cyan (96%)
- Magenta (78%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.5480, -73.3190, 34.7210 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 59.5480, -73.3190, 34.7210 by changing the saturation by 10% instead.

■ 59.5480, -73.3190,
34.7210

■ 59.5480, -73.3190,
34.7210

■ 255.0000, -0.0000,
-0.0000

■ 40.1530, -64.8370,
35.1870

■ 120.9150,
-49.0670, 46.7490

■ 25.8080, -50.6240,
36.4160

■ 145.7450,
-37.1450, 39.9350

■ 13.4520, -37.8780,
36.6980

■ 170.5750,
-25.2230, 33.1210

■ 14.0100, -31.1820,
25.4740

■ 195.3940,
-14.7680, 25.3600

■ 11.7470, -23.4320,
17.1760

■ 221.0990, -3.9920,
17.2880

■ 6.7770, -14.9490,
12.1150

■ 245.6080, 4.4000,

■ 3.2090, -7.6580,

8.3680

6.6300

■ 0.0000, 0.0000,
0.0000

■ 59.5480, -73.3190,
34.7210

■ 59.5480, -73.3190,
34.7210

■ 51.5630, -77.6750,
36.5730

■ 74.3330, -65.5240,
31.1160

■ 89.1180, -57.7290,
27.5110

■ 103.9030,
-49.9340, 23.9060

■ 119.2750,
-42.4140, 19.7780

■ 134.0600,
-34.6190, 16.1730

■ 148.8450,
-26.8240, 12.5680

■ 163.6300,
-19.0290, 8.9630

■ 178.4150,
-11.2340, 5.3580

■ 193.2000, -3.4390,
1.7530

Harmonies

Analogous

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



76.6220, -94.4990, 22.0850



59.5480, -73.3190, 34.7210



62.0210, 42.4880, 78.0400

Triad

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



59.5480, -73.3190, 34.7210



63.6120, 77.6660, 13.1700



66.4350, -50.6580, -29.0740

Complementary

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



59.5480, -73.3190, 34.7210



151.4520, 73.3190, -34.7210

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.



56.3520, -26.4000, -50.2080



59.5480, -73.3190, 34.7210



71.5440, 35.6740, -18.7740

Square

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



59.5480, -73.3190, 34.7210



55.0030, 102.5110, 41.9910



52.8300, -24.7500, -47.0700



75.5890, -73.6780, -8.3500

Rectangle

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



59.5480, -73.3190, 34.7210



65.2630, 73.6210, 69.9810



52.8300, -24.7500, -47.0700



62.9980, -42.3580, -36.3260

Sweetspot

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



59.5480, -73.3190, 34.7210



202.0730, -27.4660, 13.1900



138.1310, -97.5570, -54.6850



95.4730, -17.1490, 7.9310



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.



59.5480, -73.3190, 34.7210



65.4640, -98.9050, 46.8790



46.5990, -32.6570, 68.7430



92.2000, -3.4390, 1.7530



42.0620, -63.3230, 29.7730



9.3870, -14.0310, 6.4890

Inverse Universe

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



72.7550, 97.8780, 54.3740



83.3130, 132.0780, 73.3420



164.4010, 32.6570, -68.7430



92.9190, 4.7220, 2.5300



53.2970, 84.3080, 46.9960



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 59.5480, -73.3190, 34.7210 looks on a white background.

Color Contrast Check

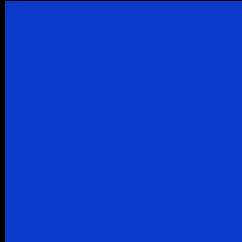
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.5480, -73.3190, 34.7210 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 59.5480, -73.3190, 34.7210

Background



This preview shows how black text looks on a background with the YIQ color 59.5480, -73.3190, 34.7210.



This preview shows how white text looks on a background with the YIQ color 59.5480, -73.3190,

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

59.5480, -73.3190, 34.7210

Deuteranopia

60.7200, -63.5010, -0.0530

Tritanopia

59.3400, -51.3480, -16.5640

Trichromacy



Original Color

59.5480, -73.3190, 34.7210

Deuteranomaly

60.0700, -66.9420, 12.7540

Tritanomaly

59.3400, -59.3750, 2.2650

Monochromacy



Original Color

59.5480, -73.3190, 34.7210

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.8450, -26.8240, 12.5680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.5480, -73.3190, 34.7210 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(11, 57, 200)` looks like.

```
.text, #text, p{  
    color:rgb(11, 57, 200)  
}
```

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(11, 57, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 57, 200) }
```

Border

The CSS property to change the border of an element to YIQ 59.5480, -73.3190, 34.7210 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(11, 57, 200) }
```

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

```
.border{ border-color:rgb(11, 57, 200) }
```

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

Here you see how a box with a 4 pixel rgb(11, 57, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 57, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 57, 200);  
box-shadow:4px 4px 4px 4px rgb(11, 57,  
200) }
```


Background

The CSS property to change the background color of an element to YIQ 59.5480, -73.3190, 34.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 57, 200) }
```

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

```
.background{ background-color: rgb(11, 57,  
200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor