

Converting Colors

YIQ(71.9590, -8.8090, 33.0070)

Have a look what the booklet for
YIQ(71.9590, -8.8090, 33.0070)
contains.

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Color

**YIQ(71.9590, -8.8090,
33.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	54358A
RGB	84, 53, 138
RGB Percent	33%, 21%, 54%
CMY	0.6705, 0.7922, 0.4589
CMYK	0.39, 0.62, 0.00, 0.46
HSL	262°, 45%, 37%
HSV	262°, 62%, 54%
XYZ	9.5172, 6.2656, 24.7428
YIQ	71.9590, -8.8090, 33.0070

Conversions

Conversions Part 2

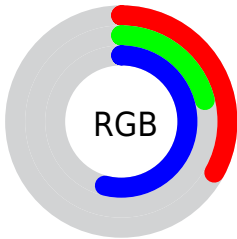
Format	Color
R_{YB}	84, 53, 138
Decimal	5518730
CIE _{Lab}	30.07, 33.59, -42.61
CIE _{LCh}	30, 54.259, 308.249
Yxy	6.2656, 0.2348, 0.1546
Android (android.graphics.Color)	4283708810 (0xFF54358A)
YUV	71.9590, 32.5582, 10.5600
Hunter-Lab	25.0311, 24.0634, -41.0851

Details

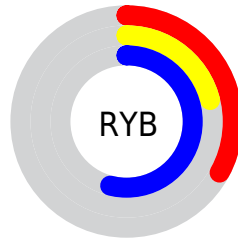
The YIQ color **71.9590, -8.8090, 33.0070** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **119.0410, 8.8090, -33.0070**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1380, -7.7550, 35.9330**, and **23.2960, -11.3760, 29.9680** is the 20% darker color. If you saturate the color by 10%, you get **61.0500, -10.3230, 38.4210**, and if you desaturate by 10%, it is **82.8680, -7.2950, 27.5930**.

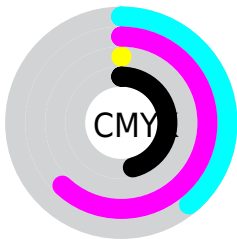
Distribution



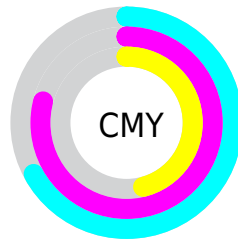
- Red (33%)
- Green (21%)
- Blue (54%)



- Red (33%)
- Yellow (21%)
- Blue (54%)



- Cyan (39%)
- Magenta (62%)
- Yellow (0%)
- Black (46%)



- Cyan (67%)
- Magenta (79%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.9590, -8.8090, 33.0070 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 71.9590, -8.8090, 33.0070 by changing the saturation by 10% instead.

71.9590, -8.8090,
33.0070

71.9590, -8.8090,
33.0070

255.0000, -0.0000,
-0.0000

47.7200, -9.6340,
31.4380

122.1380, -7.7550,
35.9330

23.2960, -11.3760,
29.9680

148.9640, -7.2050,
36.9790

10.1720, -14.2630,
21.7130

175.9040, -6.9760,
38.3360

6.3210, -13.6650,
10.8710

200.8090, 0.3610,
32.0170

2.6390, -6.0530,
5.0750

225.9160, 9.9450,
23.5210

0.0000, 0.0000,
0.0000

243.8470, 5.2250,

9.9370

■ 71.9590, -8.8090,
33.0070

■ 71.9590, -8.8090,
33.0070

■ 61.0500, -10.3230,
38.4210

■ 82.8680, -7.2950,
27.5930

■ 50.4400, -11.2410,
44.0470

■ 93.7770, -5.7810,
22.1790

■ 40.1180, -13.0300,
48.9380

■ 103.8000, -4.5880,
17.0760

■ 30.6820, -14.4980,
53.5180

■ 114.7090, -3.0740,
11.6620

■ 125.6180, -1.5600,
6.2480

■ 136.5270, -0.0460,
0.8340

■ 147.1370, 0.8720,
-4.7920

■ 157.4590, 2.6610,
-9.6830

■ 168.3680, 4.1750,
-15.0970

Harmonies

Analogous

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



60.6350, -70.1510, 10.3370



71.9590, -8.8090, 33.0070



64.1020, 36.6250, 46.6170

Triad

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



71.9590, -8.8090, 33.0070



66.9470, 51.0770, -6.0670



61.5910, -50.7970, -21.0450

Complementary

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



71.9590, -8.8090, 33.0070



119.0410, 8.8090, -33.0070

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.



55.2870, -35.8020, -33.9940



71.9590, -8.8090, 33.0070



65.8740, 25.8170, -21.8550

Square

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



71.9590, -8.8090, 33.0070



61.4290, 65.2400, 18.1040



56.2070, -6.4580, -37.1620



65.6780, -63.6830, -7.7710

Rectangle

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



71.9590, -8.8090, 33.0070



53.6440, 58.5860, 50.6020



56.2070, -6.4580, -37.1620



59.2940, -45.7070, -25.1870

Sweetspot

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



71.9590, -8.8090, 33.0070



153.3500, -3.4410, 12.8070



94.9750, -42.4100, -2.3300



74.2590, -1.9270, 7.3930



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9590, -8.8090, 33.0070



75.8130, -13.4890, 51.7510



84.2180, 15.6270, 41.6990



63.3960, -1.0550, 2.6010



29.5140, -14.0850, 51.5390



1.1680, -0.4130, 1.9790

Inverse Universe

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



84.5710, 33.3260, 34.8140



95.3430, 52.3040, 54.3200



106.7820, -15.6270, -41.6990



64.5490, 2.8880, 2.7280



49.3430, 52.3040, 54.3200



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 71.9590, -8.8090, 33.0070 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 71.9590, -8.8090, 33.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

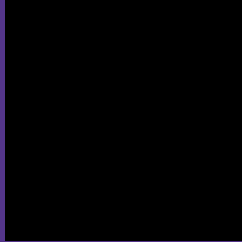
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9590, -8.8090, 33.0070

Background



This preview shows how black text looks on a background with the YIQ color 71.9590, -8.8090, 33.0070.



This preview shows how white text looks on a background with the YIQ color 71.9590, -8.8090,

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

71.9590, -8.8090, 33.0070

Protanopia

57.1470, -65.8410, 9.3190

Deuteranopia

57.3290, -60.8420, 1.3180



Tritanopia

71.2710, -2.2010, 1.3430

Trichromacy



Original Color

71.9590, -8.8090, 33.0070

Protanomaly

62.5520, -44.7520, 18.0960

Deuteranomaly

62.9450, -41.7250, 12.7950

Tritanomaly

71.2790, -4.6790, 13.2170

Monochromacy



Original Color

71.9590, -8.8090, 33.0070

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.8230, -3.3950, 11.9730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9590, -8.8090, 33.0070 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(84, 53, 138)` looks like.

```
.text, #text, p{  
    color:rgb(84, 53, 138)  
}
```

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(84, 53, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 53, 138) }
```

Border

The CSS property to change the border of an element to YIQ 71.9590, -8.8090, 33.0070 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(84, 53, 138) }
```


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

```
.border{ border-color:rgb(84, 53, 138) }
```

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

Here you see how a box with a 4 pixel rgb(84, 53, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 53, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 53, 138);  
box-shadow:4px 4px 4px 4px rgb(84, 53,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 71.9590, -8.8090, 33.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 53, 138) }
```

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

```
.background{ background-color: rgb(84, 53,  
138) }
```

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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