

Converting Colors

YUV(59.4840, 66.8094, 38.1635)

Have a look what the booklet for
YUV(59.4840, 66.8094, 38.1635)
contains.

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Color

**YUV(59.4840, 66.8094,
38.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	670BC3
RGB	103, 11, 195
RGB Percent	40%, 4%, 76%
CMY	0.5961, 0.9569, 0.2353
CMYK	0.47, 0.94, 0.00, 0.24
HSL	270°, 89%, 40%
HSV	270°, 94%, 76%
XYZ	15.5635, 7.0630, 52.1728
YIQ	59.4840, -4.2320, 76.7280

Conversions

Conversions Part 2

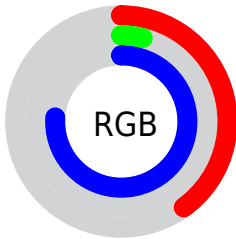
Format	Color
R_{YB}	103, 11, 195
Decimal	6753219
CIE _{Lab}	31.95, 66.86, -73.83
CIE _{LCh}	32, 99.608, 312.164
Yxy	7.0630, 0.2081, 0.0944
Android (android.graphics.Color)	4284943299 (0xFF670BC3)
YUV	59.4840, 66.8094, 38.1635
Hunter-Lab	26.5764, 58.0236, -97.7903

Details

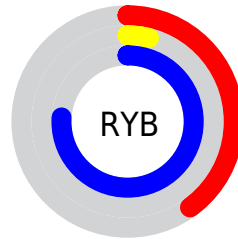
The YUV color **59.4840, 66.8094, 38.1635** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **146.5160, -66.8094, -38.1635**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.7780, 64.1994, 35.2747**, and **26.4250, 55.9925, 7.5203** is the 20% darker color. If you saturate the color by 10%, you get **51.5320, 70.7297, 40.7524**, and if you desaturate by 10%, it is **73.6270, 59.8369, 34.5301**.

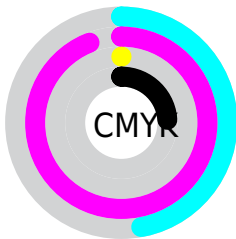
Distribution



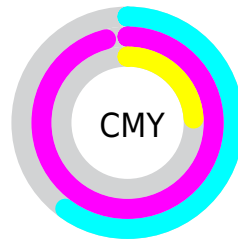
- Red (40%)
- Green (4%)
- Blue (76%)



- Red (40%)
- Yellow (4%)
- Blue (76%)



- Cyan (47%)
- Magenta (94%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.4840, 66.8094, 38.1635 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 YUV color 59.4840, 66.8094, 38.1635 by changing the saturation by 10% instead.

■ 59.4840, 66.8094,
38.1635

■ 59.4840, 66.8094,
38.1635

■ 255.0000, 0.0000,
0.0000

■ 40.5660, 62.3320,
27.5676

■ 122.7780, 64.1994,
35.2747

■ 26.4250, 55.9925,
7.5203

■ 147.8250, 52.8373,
39.6185

■ 12.8820, 49.3582,
-11.2975

■ 173.2310, 40.3121,
43.6474

■ 10.0320, 38.4382,
-8.7981

■ 198.0500, 28.0764,
48.1912

■ 10.7040, 25.7819,
-9.3874

■ 215.6710, 19.3892,
34.4915


■ 6.3210, 16.6037,
-5.5435

■ 232.1070, 11.2862,


■ 2.6390, 7.5730,


20.0772


-2.3144


 249.7170, 2.6045,
4.6332


 0.0000, 0.0000,
0.0000


 59.4840, 66.8094,
38.1635


 59.4840, 66.8094,
38.1635


 51.5320, 70.7297,
40.7524

 73.6270, 59.8369,
34.5301

 88.0580, 52.7224,
29.7671

 102.2010, 45.7499,
26.1337

 116.9310, 38.4880,
21.9855

 131.6610, 31.2261,
17.8373

■ 145.5050, 24.4010,
13.5891

■ 159.6480, 17.4285,
9.9557

■ 174.3780, 10.1666,
5.8075

■ 188.5210, 3.1941,
2.1741

Harmonies

Analogous

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



73.1630, 79.7856, -64.1640



59.4840, 66.8094, 38.1635



68.6680, 27.7717, 99.3922

Triad

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



59.4840, 66.8094, 38.1635



69.0950, -34.0638, 52.5367



71.4850, 17.5089, -62.6923

Complementary

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



59.4840, 66.8094, 38.1635



146.5160, -66.8094, -38.1635

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.



59.6920, -20.0612, -52.3499



59.4840, 66.8094, 38.1635



66.9710, -33.0167, -3.4826

Square

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



59.4840, 66.8094, 38.1635



52.6240, -25.9436, 108.2008



55.1780, -27.2028, -48.3911



80.6220, 49.9794, -70.7055

Rectangle

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



59.4840, 66.8094, 38.1635



67.6380, 3.1365, 114.3275



55.1780, -27.2028, -48.3911



67.7060, 5.5679, -59.3782

Sweetspot

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



59.4840, 66.8094, 38.1635



200.4450, 25.4166, 14.5187



85.9800, 53.7469, -65.7575



95.5940, 15.9762, 9.1261



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.



59.4840, 66.8094, 38.1635



66.4020, 91.4998, 52.2674



86.9920, 53.2479, 94.7230



89.6350, 3.6309, 2.0741



42.2740, 58.5319, 33.0857



8.8450, 11.9084, 7.1519

Inverse Universe

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



76.5040, 13.0625, 103.9210



89.7120, 17.8900, 142.3266



119.0080, -53.2479, -94.7230



90.5600, 0.7099, 5.6479



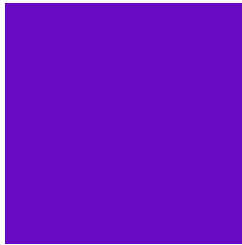
57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 59.4840, 66.8094, 38.1635 looks on a white background.

Color Contrast Check

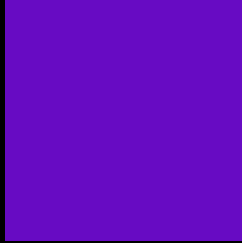
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 59.4840, 66.8094, 38.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

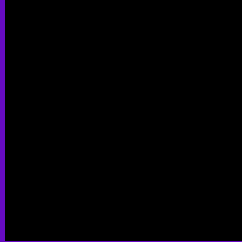
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.4840, 66.8094, 38.1635

Background



This preview shows how black text looks on a background with the YUV color 59.4840, 66.8094, 38.1635.



This preview shows how white text looks on a background with the YUV color 59.4840, 66.8094,

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

59.4840, 66.8094, 38.1635

Protanopia

61.1080, 46.2888, -53.5917

Deuteranopia

61.5350, 35.2322, -53.9662



Tritanopia

76.0860, 2.9156, -1.8294

Trichromacy



Original Color

59.4840, 66.8094, 38.1635

Protanomaly

60.3800, 54.0427, -20.5043

Deuteranomaly

60.5450, 47.0593, -20.6490

Tritanomaly

69.9610, 26.1482, 13.1892

Monochromacy



Original Color

59.4840, 66.8094, 38.1635

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.3910, 23.9642, 13.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.4840, 66.8094, 38.1635 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(103, 11, 195)` looks like.

```
.text, #text, p{  
    color:rgb(103, 11, 195)  
}
```

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(103, 11, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 11, 195) }
```

Border

The CSS property to change the border of an element to YUV 59.4840, 66.8094, 38.1635 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(103, 11, 195) }
```


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

```
.border{ border-color:rgb(103, 11, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 11, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 11, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 11, 195);  
box-shadow:4px 4px 4px 4px rgb(103, 11,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 59.4840, 66.8094, 38.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 11, 195) }
```

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

```
.background{ background-color: rgb(103, 11,  
195) }
```

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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