

Converting Colors

YUV(54.3390, 80.1919, 39.1677)

Have a look what the booklet for
YUV(54.3390, 80.1919, 39.1677)
contains.

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Color

**YUV(54.3390, 80.1919,
39.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	6300D9
RGB	99, 0, 217
RGB Percent	39%, 0%, 85%
CMY	0.6118, 1.0000, 0.1490
CMYK	0.54, 1.00, 0.00, 0.15
HSL	267°, 100%, 43%
HSV	267°, 100%, 85%
XYZ	17.6700, 7.6624, 66.1933
YIQ	54.3390, -10.6530, 88.4750

Conversions

Conversions Part 2

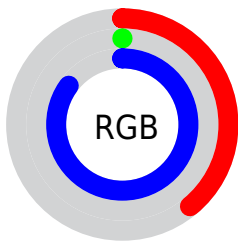
Format	Color
R _Y B	99, 0, 217
Decimal	6488281
CIE Lab	33.27, 73.00, -84.48
CIE LCh	33, 111.648, 310.830
Yxy	7.6624, 0.1931, 0.0837
Android (android.graphics.Color)	4284678361 (0xFF6300D9)
YUV	54.3390, 80.1919, 39.1677
Hunter-Lab	27.6810, 65.5022, -122.4027

Details

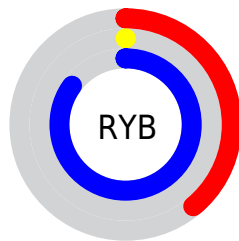
The YUV color **54.3390, 80.1919, 39.1677** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **162.6610, -80.1919, -39.1677**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9460, 66.0886, 36.0044**, and **21.5290, 68.2662, -9.2339** is the 20% darker color. If you saturate the color by 10%, you get **54.3390, 80.1919, 39.1677**, and if you desaturate by 10%, it is **70.8410, 72.0564, 35.2194**.

Distribution



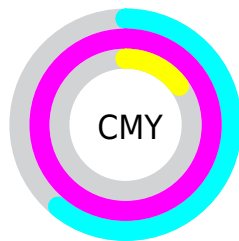
- Red (39%)
- Green (0%)
- Blue (85%)



- Red (39%)
- Yellow (0%)
- Blue (85%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (61%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3390, 80.1919, 39.1677 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 54.3390, 80.1919, 39.1677 by changing the saturation by 10% instead.

■ 54.3390, 80.1919,
39.1677

■ 54.3390, 80.1919,
39.1677

■ 255.0000, 0.0000,
0.0000

■ 40.5680, 72.6840,
20.5499

■ 120.9460, 66.0886,
36.0044

■ 21.5290, 68.2662,
-9.2339

■ 147.2380, 53.1267,
40.1333

■ 15.1620, 58.0941,
-13.2971

■ 172.3560, 40.7435,
45.2918

■ 12.1980, 46.7374,
-10.6976

■ 198.0610, 28.0709,
49.9355

■ 15.1040, 32.4867,
-13.2462

■ 215.0840, 19.6786,
35.0063


■ 9.4330, 23.4505,
-8.2727


■ 232.1070, 11.2862,


■ 5.1640, 14.7091,


20.0772


-4.5288


 249.1300, 2.8939,
5.1480


 1.1400, 4.3680,
-0.9998


 0.0000, 0.0000,
0.0000

 54.3390, 80.1919,
39.1677

 70.8410, 72.0564,
35.2194

 86.7560, 64.2103,
31.7860

 102.9590, 56.2222,
27.2230

 119.4610, 48.0867,
23.2747

■ 135.9630, 39.9512,
19.3264

■ 151.8780, 32.1051,
15.8930

■ 168.3800, 23.9697,
11.9447

■ 184.5830, 15.9816,
7.3817

■ 200.4980, 8.1355,
3.9483

Harmonies

Analogous

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



78.9650, 86.7853, -69.2523



54.3390, 80.1919, 39.1677



74.4500, 31.8231, 106.5994

Triad

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



54.3390, 80.1919, 39.1677



70.0360, -34.5277, 61.3584



74.1750, 17.6617, -65.0515

Complementary

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



54.3390, 80.1919, 39.1677



162.6610, -80.1919, -39.1677

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.



60.9170, -28.0601, -53.4242



54.3390, 80.1919, 39.1677



70.2160, -34.6165, -3.6974

Square

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



54.3390, 80.1919, 39.1677



57.4080, -28.3021, 118.0372



58.1130, -28.6497, -50.9651



85.7400, 54.3582, -75.1940

Rectangle

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



54.3390, 80.1919, 39.1677



73.5190, 3.6881, 124.0788



58.1130, -28.6497, -50.9651



70.6410, 4.1210, -61.9522

Sweetspot

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



54.3390, 80.1919, 39.1677



197.8300, 28.1848, 13.3041



94.5910, 60.3476, -82.9563



93.5230, 16.9972, 8.3113



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.



54.3390, 80.1919, 39.1677



63.7540, 94.2843, 45.8197



86.3320, 64.4193, 104.9488



101.7490, 4.0677, 1.9741



43.3430, 63.9209, 31.2712



11.5230, 16.9972, 8.3113

Inverse Universe

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



78.3350, 19.5548, 121.6092



92.0910, 23.1261, 142.8712



130.6680, -64.4193, -104.9488



102.9730, 0.9993, 6.1627



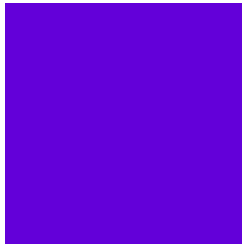
62.4430, 15.5576, 96.9585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 54.3390, 80.1919, 39.1677 looks on a white background.

Color Contrast Check

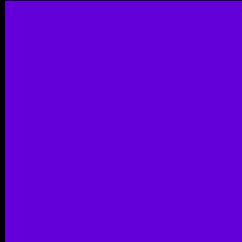
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3390, 80.1919, 39.1677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

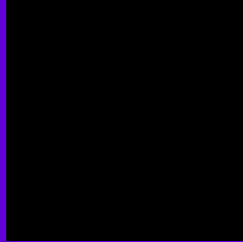
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.3390, 80.1919, 39.1677

Background



This preview shows how black text looks on a background with the YUV color 54.3390, 80.1919, 39.1677.



This preview shows how white text looks on a background with the YUV color 54.3390, 80.1919,

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



Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

64.5670, 36.6955, -56.6253

Tritanopia

76.7250, 7.0376, -17.2988

Trichromacy



Protanomaly

60.2750, 60.0104, -21.2892

Deuteranomaly

60.9130, 52.3009, -21.8487

Tritanomaly

68.2570, 33.8903, 3.2826

Monochromacy



Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.7700, 29.2004, 14.2337

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3390, 80.1919, 39.1677 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, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 217)  
}
```

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, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 217) }
```

Border

The CSS property to change the border of an element to YUV 54.3390, 80.1919, 39.1677 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, 0, 217) }
```

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

```
.border{ border-color:rgb(99, 0, 217) }
```

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

Here you see how a box with a 4 pixel rgb(99, 0, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(99, 0, 217)  
}
```


Background

The CSS property to change the background color of an element to YUV 54.3390, 80.1919, 39.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 217) }
```

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

```
.background{ background-color: rgb(99, 0,  
217) }
```

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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