

Converting Colors

YUV(68.0030, 39.4385, 43.8474)

Have a look what the booklet for
YUV(68.0030, 39.4385, 43.8474)
contains.

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Color

**YUV(68.0030, 39.4385,
43.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	761B94
RGB	118, 27, 148
RGB Percent	46%, 11%, 58%
CMY	0.5373, 0.8941, 0.4196
CMYK	0.20, 0.82, 0.00, 0.42
HSL	285°, 69%, 34%
HSV	285°, 82%, 58%
XYZ	13.2084, 6.7735, 28.6282
YIQ	68.0030, 15.3950, 56.9230

Conversions

Conversions Part 2

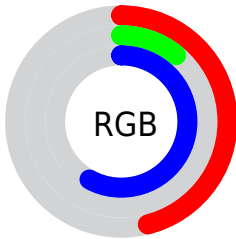
Format	Color
R_{YB}	118, 27, 148
Decimal	7740308
CIE _{Lab}	31.29, 55.17, -46.60
CIE _{LCh}	31, 72.215, 319.812
Yxy	6.7735, 0.2717, 0.1393
Android (android.graphics.Color)	4285930388 (0xFF761B94)
YUV	68.0030, 39.4385, 43.8474
Hunter-Lab	26.0260, 45.0449, -46.9999

Details

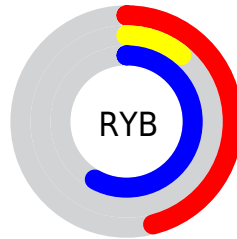
The YUV color **68.0030, 39.4385, 43.8474** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **106.9970, -39.4385, -43.8474**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8890, 39.0017, 43.9473**, and **30.0800, 32.4986, 29.7478** is the 20% darker color. If you saturate the color by 10%, you get **58.0020, 44.3690, 49.1102**, and if you desaturate by 10%, it is **78.0040, 34.5080, 38.5845**.

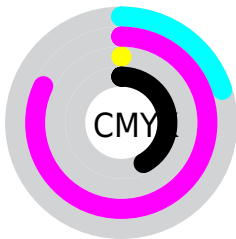
Distribution



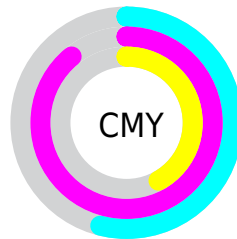
- Red (46%)
- Green (11%)
- Blue (58%)



- Red (46%)
- Yellow (11%)
- Blue (58%)



- Cyan (20%)
- Magenta (82%)
- Yellow (0%)
- Black (42%)



- Cyan (54%)
- Magenta (89%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0030, 39.4385, 43.8474 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 68.0030, 39.4385, 43.8474 by changing the saturation by 10% instead.

68.0030, 39.4385,
43.8474

68.0030, 39.4385,
43.8474

255.0000, 0.0000,
0.0000

41.1170, 39.8753,
43.7474

123.8890, 39.0017,
43.9473

30.0800, 32.4986,
29.7478

151.3020, 39.2911,
44.4621

20.1680, 25.5532,
17.3927

178.8570, 37.5385,
46.6064

5.4720, 20.9663,
-4.7989

202.1700, 26.0452,
46.3319

3.5510, 11.0674,
-3.1142

218.6060, 17.9422,
31.9175

0.0000, 0.0000,
0.0000

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

68.0030, 39.4385,
43.8474

68.0030, 39.4385,
43.8474

58.0020, 44.3690,
49.1102

78.0040, 34.5080,
38.5845

50.0610, 48.2839,
53.4435

87.7060, 29.7249,
32.7068

97.1200, 25.0838,
27.9588

107.1210, 20.1533,
22.6959

116.8230, 15.3703,
16.8182

■ 126.8240, 10.4398,
11.5554

■ 136.8250, 5.5093,
6.2925

■ 145.9400, 1.0156,
0.9296

■ 155.9410, -3.9149,
-4.3333

Harmonies

Analogous

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



60.7780, 60.2554, -53.3023



68.0030, 39.4385, 43.8474



58.6700, 17.9107, 88.8664

Triad

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



68.0030, 39.4385, 43.8474



70.1480, -34.5830, 32.3192



68.4190, 20.9924, -60.0035

Complementary

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



68.0030, 39.4385, 43.8474



106.9970, -39.4385, -43.8474

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.



61.1060, -4.4893, -53.5900



68.0030, 39.4385, 43.8474



64.5790, -31.8374, -8.4008

Square

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



68.0030, 39.4385, 43.8474



59.7910, -29.4770, 74.7283



52.8300, -26.0452, -46.3319



73.5320, 43.1217, -64.4876

Rectangle

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



68.0030, 39.4385, 43.8474



56.5450, 0.7173, 96.8690



52.8300, -26.0452, -46.3319



66.2530, 12.6933, -58.1039

Sweetspot

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



68.0030, 39.4385, 43.8474



159.2360, 15.6597, 17.3330



58.4040, 44.1708, -27.5413



77.8840, 9.4242, 10.6257



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



68.0030, 39.4385, 43.8474



67.4770, 60.8968, 67.9877



73.5530, 21.9124, 65.2900



69.2930, 2.3206, 2.3740



46.8280, 44.9478, 50.1398



3.5320, 3.1887, 3.9184

Inverse Universe

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



66.5990, -4.7323, 71.3887



65.1570, -7.4724, 110.3643



101.4470, -21.9124, -65.2900



69.2070, -0.5951, 4.2035



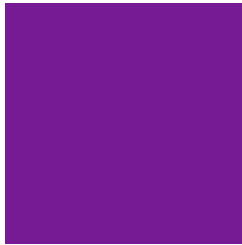
45.1380, -5.4910, 81.4400



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 68.0030, 39.4385, 43.8474 looks on a white background.

Color Contrast Check

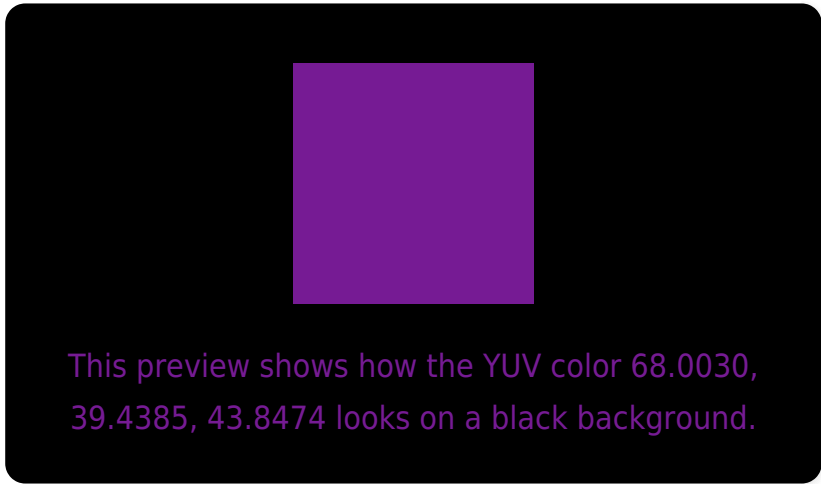
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

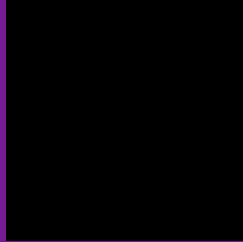
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0030, 39.4385, 43.8474

Background



This preview shows how black text looks on a background with the YUV color 68.0030, 39.4385, 43.8474.



This preview shows how white text looks on a background with the YUV color 68.0030, 39.4385,

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

68.0030, 39.4385, 43.8474

Protanopia

59.7060, 45.9939, -52.3622

Deuteranopia

59.8880, 36.5372, -52.5218



Tritanopia

75.7260, -4.3019, 26.5503

Trichromacy



Original Color

68.0030, 39.4385, 43.8474



Protanomaly

62.9430, 43.4121, -17.4900



Deuteranomaly

62.7490, 37.5917, -17.3199



Tritanomaly

72.5970, 11.5377, 32.8024

Monochromacy



Original Color

68.0030, 39.4385, 43.8474



Achromatopsia

68.0000, 0.0000, 0.0000



Achromatomaly

67.8830, 14.3547, 15.8886

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0030, 39.4385, 43.8474 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(118, 27, 148)` looks like.

```
.text, #text, p{  
    color:rgb(118, 27, 148)  
}
```

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(118, 27, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 27, 148) }
```

Border

The CSS property to change the border of an element to YUV 68.0030, 39.4385, 43.8474 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(118, 27, 148) }
```


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

```
.border{ border-color:rgb(118, 27, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 27, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 27, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 27, 148);  
box-shadow:4px 4px 4px 4px rgb(118, 27,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 68.0030, 39.4385, 43.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 27, 148) }
```

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

```
.background{ background-color: rgb(118, 27,  
148) }
```

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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