

Converting Colors

YUV(60.0200, 77.3911, 50.8485)

Have a look what the booklet for
YUV(60.0200, 77.3911, 50.8485)
contains.

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Color

**YUV(60.0200, 77.3911,
50.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	7600D9
RGB	118, 0, 217
RGB Percent	46%, 0%, 85%
CMY	0.5373, 1.0000, 0.1490
CMYK	0.46, 1.00, 0.00, 0.15
HSL	273°, 100%, 43%
HSV	273°, 100%, 85%
XYZ	19.9956, 8.8613, 66.3022
YIQ	60.0200, 0.6710, 92.5030

Conversions

Conversions Part 2

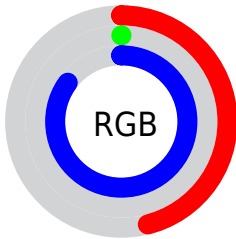
Format	Color
RYB	118, 0, 217
Decimal	7733465
CIELab	35.72, 74.46, -80.35
CIELCh	36, 109.549, 312.820
Yxy	8.8613, 0.2101, 0.0931
Android (android.graphics.Color)	4285923545 (0xFF7600D9)
YUV	60.0200, 77.3911, 50.8485
Hunter-Lab	29.7679, 67.8074, -111.2191

Details

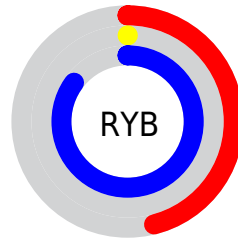
The YUV color **60.0200, 77.3911, 50.8485** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **156.9800, -77.3911, -50.8485**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3770, 62.4251, 44.3964**, and **33.6030, 62.8067, 15.2572** is the 20% darker color. If you saturate the color by 10%, you get **60.0200, 77.3911, 50.8485**, and if you desaturate by 10%, it is **75.9240, 69.5505, 45.6707**.

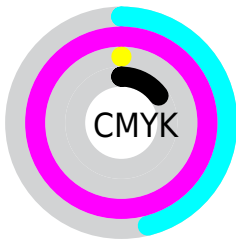
Distribution



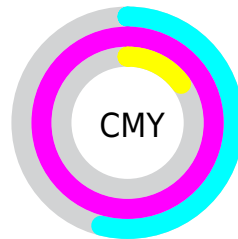
- Red (46%)
- Green (0%)
- Blue (85%)



- Red (46%)
- Yellow (0%)
- Blue (85%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 60.0200, 77.3911, 50.8485 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 60.0200, 77.3911, 50.8485 by changing the saturation by 10% instead.

60.0200, 77.3911,
50.8485

60.0200, 77.3911,
50.8485

255.0000, 0.0000,
0.0000

47.1460, 69.4410,
34.0750

128.3770, 62.4251,
44.3964

33.6030, 62.8067,
15.2572

154.0820, 49.7526,
49.0401

15.1620, 58.0941,
-13.2971

179.4880, 37.2274,
53.0690

12.1980, 46.7374,
-10.6976

200.9960, 26.6240,
47.3615

9.9350, 35.5280,
-8.7130

218.0190, 18.2316,
32.4323

9.4330, 23.4505,
-8.2727

235.0420, 9.8393,

5.1640, 14.7091,

17.5032

-4.5288

252.0650, 1.4470,
2.5740

1.1400, 4.3680,
-0.9998

0.0000, 0.0000,
0.0000

60.0200, 77.3911,
50.8485

75.9240, 69.5505,
45.6707

91.2410, 61.9992,
41.0076

107.1450, 54.1585,
35.8298

123.0490, 46.3178,
30.6520

■ 138.9530, 38.4772,
25.4742

■ 153.9710, 31.0733,
20.1964

■ 169.8750, 23.2326,
15.0186

■ 185.7790, 15.3920,
9.8408

■ 201.0960, 7.8407,
5.1778

Harmonies

Analogous

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



80.7260, 85.9171, -70.7967



60.0200, 77.3911, 50.8485



77.0270, 30.0597, 112.2323

Triad

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



60.0200, 77.3911, 50.8485



77.3900, -38.1533, 57.5400



79.5380, 20.4408, -69.7548

Complementary

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



60.0200, 77.3911, 50.8485



156.9800, -77.3911, -50.8485

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.



67.3060, -21.3499, -59.0274



60.0200, 77.3911, 50.8485



74.6240, -36.7896, -6.6862

Square

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



60.0200, 77.3911, 50.8485



58.6040, -28.8918, 120.4963



61.6350, -30.3861, -54.0539



90.2880, 56.5530, -79.1826

Rectangle

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



60.0200, 77.3911, 50.8485



75.6120, 2.6563, 128.3823



61.6350, -30.3861, -54.0539



75.5310, 7.6262, -66.2407

Sweetspot

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



60.0200, 77.3911, 50.8485



199.9230, 27.1530, 17.6075



84.0250, 65.5567, -73.6899



94.7190, 16.4075, 10.7704



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.



60.0200, 77.3911, 50.8485



70.6310, 90.8939, 59.9596



88.8230, 59.7403, 112.4112



102.0480, 3.9203, 2.5889



47.8280, 61.7098, 40.4928



12.7190, 16.4075, 10.7704

Inverse Universe

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



76.1690, 11.2557, 123.5088



89.4690, 13.0798, 145.1707



128.1770, -59.7403, -112.4112



102.8590, 0.5625, 6.2627



60.7330, 9.0056, 98.4582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 60.0200, 77.3911, 50.8485 looks on a white background.

Color Contrast Check

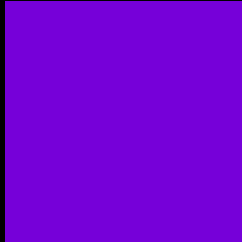
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.0200, 77.3911, 50.8485 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 60.0200, 77.3911, 50.8485

Background



This preview shows how black text looks on a background with the YUV color 60.0200, 77.3911, 50.8485.



This preview shows how white text looks on a background with the YUV color 60.0200, 77.3911,

50.8485.

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



Deuteranopia

68.6420, 39.6165, -60.1990

Tritanopia

86.2820, 2.3260, 0.6297

Trichromacy



Deuteranomaly

65.5650, 53.4585, -19.7895

Tritanomaly

76.6180, 29.7683, 18.7520

Monochromacy



Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8630, 28.1685, 18.5371

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.0200, 77.3911, 50.8485 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, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(118, 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(118, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 217) }
```

Border

The CSS property to change the border of an element to YUV 60.0200, 77.3911, 50.8485 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, 0, 217) }
```

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

```
.border{ border-color:rgb(118, 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(118, 0, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(118, 0,  
217) }
```


Background

The CSS property to change the background color of an element to YUV 60.0200, 77.3911, 50.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 217) }
```

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

```
.background{ background-color: rgb(118, 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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