

Converting Colors

YUV(58.8930, 66.6078, 56.2218)

Have a look what the booklet for
YUV(58.8930, 66.6078, 56.2218)
contains.

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Color

**YUV(58.8930, 66.6078,
56.2218)**

Conversions

Conversions Part 1

Format	Color
Hex	7B00C2
RGB	123, 0, 194
RGB Percent	48%, 0%, 76%
CMY	0.5176, 1.0000, 0.2392
CMYK	0.37, 1.00, 0.00, 0.24
HSL	278°, 100%, 38%
HSV	278°, 100%, 76%
XYZ	17.9060, 8.1060, 51.6598
YIQ	58.8930, 11.0340, 86.4100

Conversions

Conversions Part 2

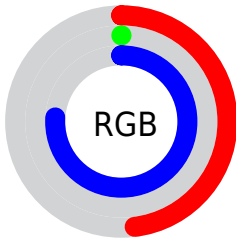
Format	Color
RYB	123, 0, 194
Decimal	8061122
CIELab	34.20, 70.24, -69.43
CIElCh	34, 98.765, 315.331
Yxy	8.1060, 0.2305, 0.1044
Android (android.graphics.Color)	4286251202 (0xFF7B00C2)
YUV	58.8930, 66.6078, 56.2218
Hunter-Lab	28.4710, 62.4378, -87.6501

Details

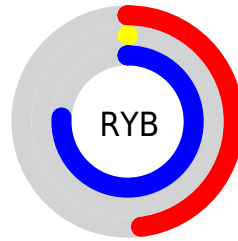
The YUV color **58.8930, 66.6078, 56.2218** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **135.1070, -66.6078, -56.2218**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7580, 61.2513, 47.5702**, and **34.6830, 51.4283, 24.8340** is the 20% darker color. If you saturate the color by 10%, you get **58.8930, 66.6078, 56.2218**, and if you desaturate by 10%, it is **72.1390, 60.0775, 50.7441**.

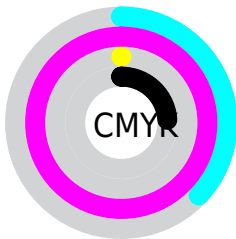
Distribution



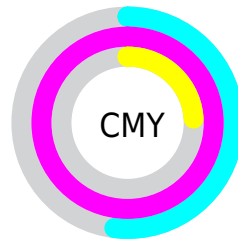
- Red (48%)
- Green (0%)
- Blue (76%)



- Red (48%)
- Yellow (0%)
- Blue (76%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (52%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8930, 66.6078, 56.2218 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 58.8930, 66.6078, 56.2218 by changing the saturation by 10% instead.

■ 58.8930, 66.6078,
56.2218

■ 58.8930, 66.6078,
56.2218

■ 255.0000, 0.0000,
0.0000

■ 46.7310, 58.7996,
40.5779

■ 127.7580, 61.2513,
47.5702

■ 34.6830, 51.4283,
24.8340

■ 154.0930, 49.7472,
50.7844

■ 21.2540, 45.2308,
5.9162

■ 179.4990, 37.2220,
54.8134

■ 9.9180, 38.0014,
-8.6981

■ 199.8220, 27.2028,
48.3911

■ 10.0030, 25.6345,
-8.7726

■ 216.8450, 18.8104,
33.4619


■ 6.3210, 16.6037,
-5.5435

■ 233.8680, 10.4181,


■ 2.5250, 7.1362,


18.5328


-2.2144


 250.8910, 2.0257,
3.6036


 0.0000, 0.0000,
0.0000


 58.8930, 66.6078,
56.2218

 72.1390, 60.0775,
50.7441

 85.9720, 53.2578,
44.7516

 99.2180, 46.7275,
39.2738

 113.0510, 39.9079,
33.2813

 126.5960, 33.2302,
28.4183

■ 139.8420, 26.6999,
22.9406

■ 153.6750, 19.8802,
16.9480

■ 166.9210, 13.3499,
11.4703

■ 180.7540, 6.5303,
5.4777

Harmonies

Analogous

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



74.0920, 80.8066, -64.9787



58.8930, 66.6078, 56.2218



71.3160, 24.9872, 105.8399

Triad

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



58.8930, 66.6078, 56.2218



75.2640, -37.1052, 48.0035



76.6030, 21.8877, -67.1808

Complementary

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



58.8930, 66.6078, 56.2218



135.1070, -66.6078, -56.2218

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.



65.7390, -14.6613, -57.6531



58.8930, 66.6078, 56.2218



70.7700, -34.8896, -9.4453

Square

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



58.8930, 66.6078, 56.2218



53.5210, -26.3859, 110.0451



59.2870, -29.2285, -51.9947



85.5120, 53.4846, -74.9940

Rectangle

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



58.8930, 66.6078, 56.2218



69.3890, 0.7942, 118.9308



59.2870, -29.2285, -51.9947



72.8240, 9.9468, -63.8666

Sweetspot

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



58.8930, 66.6078, 56.2218



199.9020, 25.6843, 22.0109



63.7930, 64.1921, -55.9465



95.9150, 15.8179, 13.2295



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.



58.8930, 66.6078, 56.2218



76.5680, 86.4880, 73.1699



77.1580, 44.7851, 102.4704



89.9340, 3.4835, 2.6889



48.8520, 55.2890, 46.6108



10.0410, 11.3188, 9.6110

Inverse Universe

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



66.1000, 2.4157, 112.1683



85.8360, 3.0389, 145.7258



116.8420, -44.7851, -102.4704



90.4460, 0.2731, 5.7479



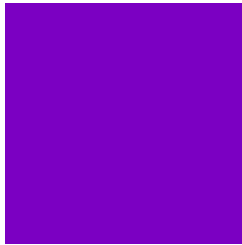
54.8650, 2.0386, 93.0804



11.2350, 0.3771, 19.0879

Previews

White Background



This preview shows how the YUV color 58.8930, 66.6078, 56.2218 looks on a white background.

Color Contrast Check

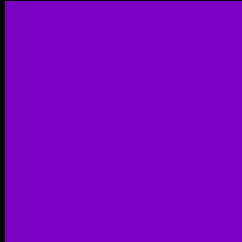
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.8930, 66.6078, 56.2218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

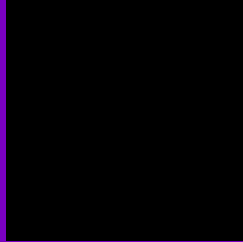
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.8930, 66.6078, 56.2218

Background



This preview shows how black text looks on a background with the YUV color 58.8930, 66.6078, 56.2218.



This preview shows how white text looks on a background with the YUV color 58.8930, 66.6078,

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

66.1120, 50.2308, -57.9802

Deuteranopia

66.4250, 38.7375, -58.2547

Tritanopia

84.1590, -1.0644, 14.7696

Trichromacy



Protanomaly

63.5700, 55.9210, -16.2859

Deuteranomaly

63.7350, 48.9376, -16.4306

Tritanomaly

74.7890, 23.7680, 30.0030

Monochromacy



Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1360, 24.0900, 20.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8930, 66.6078, 56.2218 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(123, 0, 194)` looks like.

```
.text, #text, p{  
  color:rgb(123, 0, 194)  
}
```

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(123, 0, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 0, 194) }
```

Border

The CSS property to change the border of an element to YUV 58.8930, 66.6078, 56.2218 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(123, 0, 194) }
```

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

```
.border{ border-color:rgb(123, 0, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 0, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 0, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 0, 194);  
box-shadow:4px 4px 4px 4px rgb(123, 0,  
194) }
```


Background

The CSS property to change the background color of an element to YUV 58.8930, 66.6078, 56.2218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 0, 194) }
```

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

```
.background{ background-color: rgb(123, 0,  
194) }
```

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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