

Converting Colors

YUV(57.5650, 70.7135, 45.9855)

Have a look what the booklet for
YUV(57.5650, 70.7135, 45.9855)
contains.

YUV(57.5650, 70.7135, 45.9855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.5650, 70.7135,
45.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	6E03C9
RGB	110, 3, 201
RGB Percent	43%, 1%, 79%
CMY	0.5686, 0.9882, 0.2118
CMYK	0.45, 0.99, 0.00, 0.21
HSL	272°, 97%, 40%
HSV	272°, 99%, 79%
XYZ	17.0056, 7.5972, 55.8284
YIQ	57.5650, 0.2140, 84.2620

Conversions

Conversions Part 2

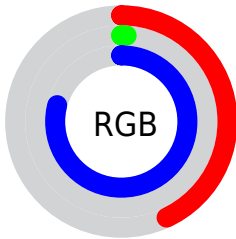
Format	Color
RYB	110, 3, 201
Decimal	7209929
CIELab	33.13, 69.98, -75.37
CIELCh	33, 102.849, 312.876
Yxy	7.5972, 0.2114, 0.0945
Android (android.graphics.Color)	4285400009 (0xFF6E03C9)
YUV	57.5650, 70.7135, 45.9855
Hunter-Lab	27.5630, 61.8944, -100.7971

Details

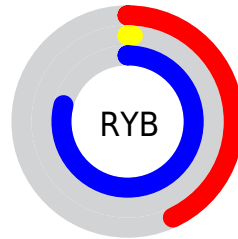
The YUV color **57.5650, 70.7135, 45.9855** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **146.4350, -70.7135, -45.9855**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5120, 64.3306, 39.8930**, and **29.6860, 56.8498, 12.5534** is the 20% darker color. If you saturate the color by 10%, you get **55.5050, 71.7290, 46.9151**, and if you desaturate by 10%, it is **71.9960, 63.5990, 41.2225**.

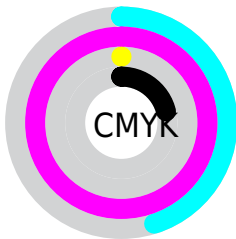
Distribution



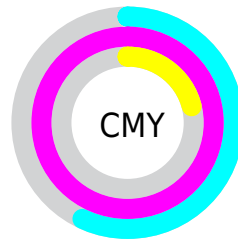
- Red (43%)
- Green (1%)
- Blue (79%)



- Red (43%)
- Yellow (1%)
- Blue (79%)



- Cyan (45%)
- Magenta (99%)
- Yellow (0%)
- Black (21%)



- Cyan (57%)
- Magenta (99%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.5650, 70.7135, 45.9855 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 57.5650, 70.7135, 45.9855 by changing the saturation by 10% instead.

■ 57.5650, 70.7135,
45.9855

■ 57.5650, 70.7135,
45.9855

■ 255.0000, 0.0000,
0.0000

■ 43.3430, 63.9209,
31.2712

■ 124.5120, 64.3306,
39.8930

■ 29.6860, 56.8498,
12.5534

■ 149.9180, 51.8054,
43.9219

■ 13.5660, 51.9790,
-11.8974

■ 175.0360, 39.4223,
49.0804

■ 10.6020, 40.6222,
-9.2980

■ 199.2350, 27.4921,
48.9059

■ 12.4480, 27.3871,
-10.9169

■ 215.6710, 19.3892,
34.4915


■ 6.8910, 18.7877,
-6.0434

■ 232.6940, 10.9969,


■ 3.2090, 9.7570,


19.5624


-2.8143


 249.7170, 2.6045,
4.6332


 0.0000, 0.0000,
0.0000


 57.5650, 70.7135,
45.9855

 57.5650, 70.7135,
45.9855


 55.5050, 71.7290,
46.9151

 71.9960, 63.5990,
41.2225

 86.4270, 56.4845,
36.4595

 101.1570, 49.2226,
32.3113

 115.5880, 42.1081,
27.5483

 130.6060, 34.7042,
22.2705

■ 145.0370, 27.5898,
17.5076

■ 159.7670, 20.3279,
13.3593

■ 174.1980, 13.2134,
8.5964

■ 188.6290, 6.0989,
3.8334

Harmonies

Analogous

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



75.2490, 82.7012, -65.9934



57.5650, 70.7135, 45.9855



71.4020, 27.9028, 104.0104

Triad

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



57.5650, 70.7135, 45.9855



72.0520, -35.5216, 53.4514



73.9300, 19.2615, -64.8366

Complementary

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



57.5650, 70.7135, 45.9855



146.4350, -70.7135, -45.9855

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.



62.4960, -19.4715, -54.8090



57.5650, 70.7135, 45.9855



69.3190, -34.1743, -5.5418

Square

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



57.5650, 70.7135, 45.9855



54.4180, -26.8281, 111.8894



57.5260, -28.3603, -50.4503



83.9960, 52.7530, -73.6645

Rectangle

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



57.5650, 70.7135, 45.9855



70.1440, 2.3940, 119.1457



57.5260, -28.3603, -50.4503



70.6240, 6.5944, -61.9372

Sweetspot

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



57.5650, 70.7135, 45.9855



199.9230, 27.1530, 17.6075



79.5760, 59.8620, -67.1572



94.4200, 16.5549, 10.1557



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.



57.5650, 70.7135, 45.9855



70.3320, 91.0413, 59.3448



83.9760, 54.2418, 102.6300



92.5210, 3.1941, 2.1741



44.8940, 58.2263, 37.8040



9.7850, 12.9240, 8.0816

Inverse Universe

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



72.5760, 10.5620, 112.6278



89.5830, 13.5166, 145.0707



120.0240, -54.2418, -102.6300



93.1470, 0.4205, 5.1331



57.2870, 8.7325, 92.7103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 57.5650, 70.7135, 45.9855 looks on a white background.

Color Contrast Check

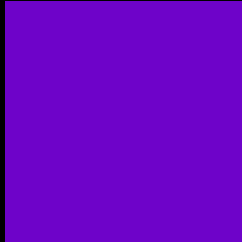
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.5650, 70.7135, 45.9855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

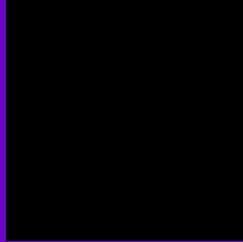
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.5650, 70.7135, 45.9855

Background



This preview shows how black text looks on a background with the YUV color 57.5650, 70.7135, 45.9855.



This preview shows how white text looks on a background with the YUV color 57.5650, 70.7135,

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

57.5650, 70.7135, 45.9855

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

63.9800, 36.9849, -56.1105



Tritanopia

79.9940, 2.4680, 1.7593

Trichromacy



Original Color

57.5650, 70.7135, 45.9855

Protanomaly

61.3740, 56.5106, -18.7450

Deuteranomaly

61.5390, 49.5273, -18.8897

Tritanomaly

71.9230, 27.1530, 17.6075

Monochromacy



Original Color

57.5650, 70.7135, 45.9855

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8690, 25.7006, 16.7779

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.5650, 70.7135, 45.9855 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(110, 3, 201)` looks like.

```
.text, #text, p{  
    color:rgb(110, 3, 201)  
}
```

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(110, 3, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 3, 201) }
```

Border

The CSS property to change the border of an element to YUV 57.5650, 70.7135, 45.9855 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(110, 3, 201) }
```


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

```
.border{ border-color:rgb(110, 3, 201) }
```

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

Here you see how a box with a 4 pixel rgb(110, 3, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 3, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 3, 201);  
box-shadow:4px 4px 4px 4px rgb(110, 3,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 57.5650, 70.7135, 45.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 3, 201) }
```

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

```
.background{ background-color: rgb(110, 3,  
201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor