

Converting Colors

YUV(67.0130, 84.7896, 57.8706)

Have a look what the booklet for
YUV(67.0130, 84.7896, 57.8706)
contains.

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Color

**YUV(67.0130, 84.7896,
57.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	8500EF
RGB	133, 0, 239
RGB Percent	52%, 0%, 94%
CMY	0.4784, 1.0000, 0.0627
CMYK	0.44, 1.00, 0.00, 0.06
HSL	273°, 100%, 47%
HSV	273°, 100%, 94%
XYZ	25.2529, 11.2185, 82.4958
YIQ	67.0130, 2.5490, 102.5250

Conversions

Conversions Part 2

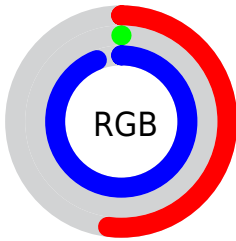
Format	Color
R_{YB}	133, 0, 239
Decimal	8716527
CIE _{Lab}	39.95, 80.29, -85.87
CIE _{LCh}	40, 117.558, 313.076
Yxy	11.2185, 0.2123, 0.0943
Android (android.graphics.Color)	4286906607 (0xFF8500EF)
YUV	67.0130, 84.7896, 57.8706
Hunter-Lab	33.4941, 75.9653, -122.5851

Details

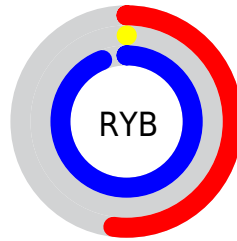
The YUV color **67.0130, 84.7896, 57.8706** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **171.9870, -84.7896, -57.8706**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5090, 58.9091, 52.1736**, and **40.6670, 69.1842, 23.0940** is the 20% darker color. If you saturate the color by 10%, you get **67.0130, 84.7896, 57.8706**, and if you desaturate by 10%, it is **84.3900, 76.2227, 52.2780**.

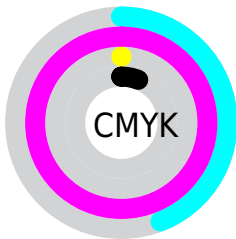
Distribution



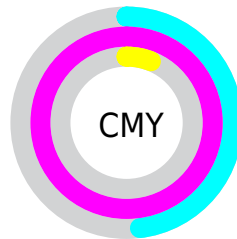
- Red (52%)
- Green (0%)
- Blue (94%)



- Red (52%)
- Yellow (0%)
- Blue (94%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)





- Cyan (48%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 67.0130, 84.7896, 57.8706 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 67.0130, 84.7896, 57.8706 by changing the saturation by 10% instead.


 67.0130, 84.7896,
57.8706


 67.0130, 84.7896,
57.8706


255.0000, 0.0000,
0.0000


 54.1390, 76.8395,
41.0971


 135.5090, 58.9091,
52.1736


 40.6670, 69.1842,
23.0940


 162.3880, 45.6577,
55.7877


 23.2370, 64.4662,
-3.7158


 187.4950, 33.2800,
59.2019


 14.4780, 55.4733,
-12.6972

 204.5180, 24.8876,
44.2727

 11.4000, 43.6798,
-9.9978

 221.5410, 16.4953,
29.3435

 13.8330, 30.1553,
-12.1315

 239.1510, 7.8136,

 8.1620, 21.1191,

13.8996

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 67.0130, 84.7896,
57.8706

■ 84.3900, 76.2227,
52.2780

■ 101.4680, 67.8033,
46.0706

■ 118.8450, 59.2364,
40.4779

■ 135.9230, 50.8170,
34.2705

■ 152.7130, 42.5395,
29.1927

■ 170.0900, 33.9726,
23.6001

■ 187.1680, 25.5532,
17.3927

■ 204.5450, 16.9863,
11.8000

■ 221.6230, 8.5669,
5.5926

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



67.0130, 84.7896, 57.8706



85.3150, 33.3687, 124.2577

Triad

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



67.0130, 84.7896, 57.8706



86.5710, -42.6795, 62.6432



88.8790, 23.2307, -77.9469

Complementary

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



67.0130, 84.7896, 57.8706



171.9870, -84.7896, -57.8706

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.



75.0340, -22.2018, -65.8048



67.0130, 84.7896, 57.8706



83.4730, -41.1522, -7.4308

Square

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



67.0130, 84.7896, 57.8706



64.5840, -31.8399, 132.7918



69.2660, -34.1481, -60.7463



101.1280, 62.5479, -88.6893

Rectangle

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



67.0130, 84.7896, 57.8706



83.5150, 3.1971, 141.6223



69.2660, -34.1481, -60.7463



84.4160, 8.6689, -74.0328

Sweetspot

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



67.0130, 84.7896, 57.8706



200.2220, 27.0056, 18.2223



90.6420, 73.1405, -79.4930



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.



67.0130, 84.7896, 57.8706



71.5280, 90.4517, 61.8039



97.3390, 63.9229, 124.2367



111.4610, 4.2097, 3.1037



51.4740, 65.3353, 44.3113



15.6530, 19.8911, 13.4593

Inverse Universe

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



83.5450, 11.0703, 136.3340



89.1270, 11.7694, 145.4706



141.6610, -63.9229, -124.2367



112.1580, 0.4151, 6.8774



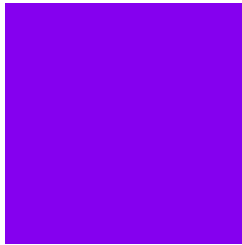
64.2500, 8.2577, 105.0208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 67.0130, 84.7896, 57.8706 looks on a white background.

Color Contrast Check

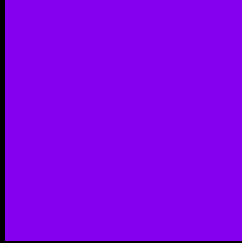
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 67.0130, 84.7896, 57.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

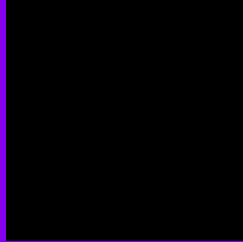
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0130, 84.7896, 57.8706

Background



This preview shows how black text looks on a background with the YUV color 67.0130, 84.7896, 57.8706.



This preview shows how white text looks on a background with the YUV color 67.0130, 84.7896,

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

76.1200, 58.1148, -66.7572

Deuteranopia

76.5640, 44.5849, -67.1466

Tritanopia

96.0050, 2.4625, 3.5036

Trichromacy



Protanomaly

72.9250, 67.5780, -21.8592

Deuteranomaly

72.7480, 59.2842, -21.7040

Tritanomaly

85.3350, 32.3728, 23.3852

Monochromacy



Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2700, 30.9259, 20.8112

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0130, 84.7896, 57.8706 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(133, 0, 239)` looks like.

```
.text, #text, p{  
    color:rgb(133, 0, 239)  
}
```

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(133, 0, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 0, 239) }
```

Border

The CSS property to change the border of an element to YUV 67.0130, 84.7896, 57.8706 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(133, 0, 239) }
```

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

```
.border{ border-color:rgb(133, 0, 239) }
```

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

Here you see how a box with a 4 pixel rgb(133, 0, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 0, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 0, 239);  
box-shadow:4px 4px 4px 4px rgb(133, 0,  
239) }
```


Background

The CSS property to change the background color of an element to YUV 67.0130, 84.7896, 57.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 0, 239) }
```

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

```
.background{ background-color: rgb(133, 0,  
239) }
```

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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