

Converting Colors

YUV(67.5250, 81.5792, 60.9296)

Have a look what the booklet for
YUV(67.5250, 81.5792, 60.9296)
contains.

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Color

**YUV(67.5250, 81.5792,
60.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	8900E9
RGB	137, 0, 233
RGB Percent	54%, 0%, 91%
CMY	0.4627, 1.0000, 0.0863
CMYK	0.41, 1.00, 0.00, 0.09
HSL	275°, 100%, 46%
HSV	275°, 100%, 91%
XYZ	25.0245, 11.2016, 77.9340
YIQ	67.5250, 6.8590, 101.5070

Conversions

Conversions Part 2

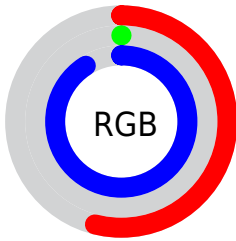
Format	Color
R_{YB}	137, 0, 233
Decimal	8978665
CIE _{Lab}	39.92, 79.44, -82.49
CIE _{LCh}	40, 114.523, 313.919
Yxy	11.2016, 0.2192, 0.0981
Android (android.graphics.Color)	4287168745 (0xFF8900E9)
YUV	67.5250, 81.5792, 60.9296
Hunter-Lab	33.4687, 74.8939, -114.6323

Details

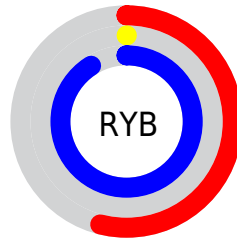
The YUV color **67.5250, 81.5792, 60.9296** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **165.4750, -81.5792, -60.9296**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4060, 58.4668, 54.0179**, and **41.8910, 66.1157, 27.2826** is the 20% darker color. If you saturate the color by 10%, you get **67.5250, 81.5792, 60.9296**, and if you desaturate by 10%, it is **84.0160, 73.4491, 55.2370**.

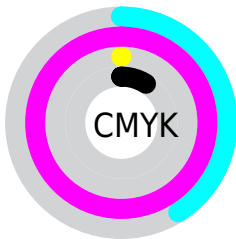
Distribution



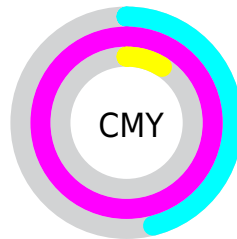
- Red (54%)
- Green (0%)
- Blue (91%)



- Red (54%)
- Yellow (0%)
- Blue (91%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (46%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5250, 81.5792, 60.9296 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 67.5250, 81.5792, 60.9296 by changing the saturation by 10% instead.

67.5250, 81.5792,
60.9296

67.5250, 81.5792,
60.9296

255.0000, 0.0000,
0.0000

54.9500, 73.4817,
44.7708

136.4060, 58.4668,
54.0179

41.8910, 66.1157,
27.2826

163.2850, 45.2155,
57.6321

26.7390, 59.7817,
5.4909

188.0820, 32.9906,
58.6871

13.7940, 52.8526,
-12.0973

204.5180, 24.8876,
44.2727

10.8300, 41.4958,
-9.4979

222.1280, 16.2059,
28.8287

12.6760, 28.2607,
-11.1169

239.1510, 7.8136,

7.7060, 19.3719,

13.8996

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 67.5250, 81.5792,
60.9296

■ 84.0160, 73.4491,
55.2370

■ 100.7950, 65.1771,
48.4148

■ 117.2860, 57.0470,
42.7222

■ 133.4780, 49.0643,
36.4148

■ 150.5560, 40.6449,
30.2074

■ 167.0470, 32.5148,
24.5148

■ 183.2390, 24.5322,
18.2074

■ 199.7300, 16.4021,
12.5148

■ 216.5090, 8.1301,
5.6926

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



67.5250, 81.5792, 60.9296



84.1470, 31.4795, 123.5281

Triad

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



67.5250, 81.5792, 60.9296



87.4350, -43.1055, 59.2545



88.9930, 23.6675, -78.0469

Complementary

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



67.5250, 81.5792, 60.9296



165.4750, -81.5792, -60.9296

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.



75.6040, -20.0178, -66.3047



67.5250, 81.5792, 60.9296



82.8750, -40.8574, -8.6604

Square

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



67.5250, 81.5792, 60.9296



63.6870, -31.3977, 130.9475



68.6790, -33.8587, -60.2315



100.3130, 61.9637, -87.9745

Rectangle

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



67.5250, 81.5792, 60.9296



82.2760, 2.3289, 140.0779



68.6790, -33.8587, -60.2315



84.7580, 9.9793, -74.3328

Sweetspot

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



67.5250, 81.5792, 60.9296



200.8200, 26.7107, 19.4519



83.5010, 73.7030, -73.2304



95.3170, 16.1127, 12.0000



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.



67.5250, 81.5792, 60.9296



73.9200, 89.2724, 66.7222



94.0630, 59.1289, 121.8477



109.0480, 3.9203, 2.5889



52.3280, 63.4353, 47.0703



15.4250, 19.0175, 13.6593

Inverse Universe

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



80.6110, 7.5868, 133.6452



88.2150, 8.2750, 146.2704



138.9370, -59.1289, -121.8477



109.7450, 0.1257, 6.3626



62.6690, 6.0792, 103.7763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 67.5250, 81.5792, 60.9296 looks on a white background.

Color Contrast Check

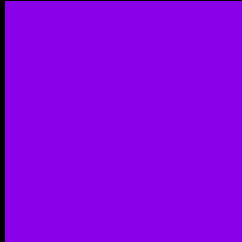
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.5250, 81.5792, 60.9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

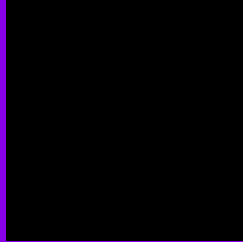
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5250, 81.5792, 60.9296

Background



This preview shows how black text looks on a background with the YUV color 67.5250, 81.5792, 60.9296.



This preview shows how white text looks on a background with the YUV color 67.5250, 81.5792,

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

96.8810, 0.5517, 9.7514

Trichromacy



Protanomaly

73.2950, 66.4096, -20.4297

Deuteranomaly

73.1180, 58.1158, -20.2745

Tritanomaly

86.3850, 29.8832, 28.6034

Monochromacy



Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6400, 29.7575, 22.2407

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5250, 81.5792, 60.9296 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(137, 0, 233)` looks like.

```
.text, #text, p{  
    color:rgb(137, 0, 233)  
}
```

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(137, 0, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 0, 233) }
```

Border

The CSS property to change the border of an element to YUV 67.5250, 81.5792, 60.9296 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(137, 0, 233) }
```

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

```
.border{ border-color:rgb(137, 0, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 0, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 0, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 0, 233);  
box-shadow:4px 4px 4px 4px rgb(137, 0,  
233) }
```


Background

The CSS property to change the background color of an element to YUV 67.5250, 81.5792, 60.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 0, 233) }
```

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

```
.background{ background-color: rgb(137, 0,  
233) }
```

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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