

Converting Colors

YUV(68.3380, 88.5734, 57.5856)

Have a look what the booklet for
YUV(68.3380, 88.5734, 57.5856)
contains.

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Color

**YUV(68.3380, 88.5734,
57.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	8600F8
RGB	134, 0, 248
RGB Percent	53%, 0%, 97%
CMY	0.4745, 1.0000, 0.0275
CMYK	0.46, 1.00, 0.00, 0.03
HSL	272°, 100%, 49%
HSV	272°, 100%, 97%
XYZ	26.7748, 11.8456, 89.6822
YIQ	68.3380, 0.2560, 105.5360

Conversions

Conversions Part 2

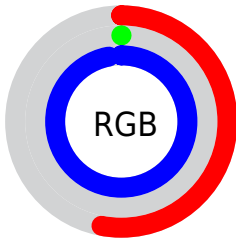
Format	Color
R_{YB}	134, 0, 248
Decimal	8782072
CIE _{Lab}	40.97, 82.21, -89.25
CIE _{LCh}	41, 121.343, 312.648
Yxy	11.8456, 0.2087, 0.0923
Android (android.graphics.Color)	4286972152 (0xFF8600F8)
YUV	68.3380, 88.5734, 57.5856
Hunter-Lab	34.4175, 78.6319, -130.4006

Details

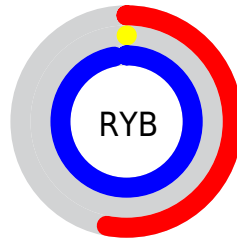
The YUV color **68.3380, 88.5734, 57.5856** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **179.6620, -88.5734, -57.5856**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6940, 58.3249, 52.8884**, and **41.3940, 73.2628, 21.5795** is the 20% darker color. If you saturate the color by 10%, you get **68.3380, 88.5734, 57.5856**, and if you desaturate by 10%, it is **86.3020, 79.7171, 51.4781**.

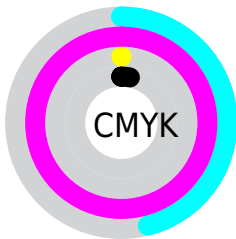
Distribution



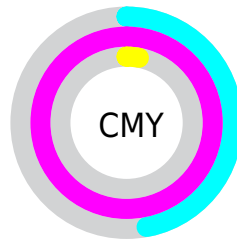
- Red (53%)
- Green (0%)
- Blue (97%)



- Red (53%)
- Yellow (0%)
- Blue (97%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)





- Cyan (47%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 68.3380, 88.5734, 57.5856 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 68.3380, 88.5734, 57.5856 by changing the saturation by 10% instead.


 68.3380, 88.5734,
57.5856


 68.3380, 88.5734,
57.5856


255.0000, 0.0000,
0.0000


 55.4640, 80.6232,
40.8121


 136.6940, 58.3249,
52.8884


 41.3940, 73.2628,
21.5795


 163.5730, 45.0735,
56.5025


 22.0560, 68.9924,
-8.8191


 188.6690, 32.7012,
58.1723

 15.3900, 58.9677,
-13.4970

 205.6920, 24.3088,
43.2431

 12.3120, 47.1742,
-10.7976

 222.7150, 15.9165,
28.3139

 15.8050, 32.6341,
-13.8610

 240.3250, 7.2348,

 10.1340, 23.5979,

12.8700

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 68.3380, 88.5734,
57.5856

■ 86.3020, 79.7171,
51.4781

■ 104.5650, 70.7135,
45.9855

■ 121.9420, 62.1466,
40.3929

■ 140.2050, 53.1429,
34.9002

■ 158.1690, 44.2867,
28.7928

■ 176.1330, 35.4304,
22.6854

■ 194.3960, 26.4268,
17.1927

■ 211.7730, 17.8599,
11.6001

■ 230.0360, 8.8563,
6.1074

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



68.3380, 88.5734, 57.5856



87.7930, 35.1051, 127.3465

Triad

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



68.3380, 88.5734, 57.5856



88.9520, -43.8533, 65.8171



91.5690, 23.3835, -80.3060

Complementary

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



68.3380, 88.5734, 57.5856



179.6620, -88.5734, -57.5856

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.



77.0400, -24.6697, -67.5641



68.3380, 88.5734, 57.5856



85.5440, -42.1732, -6.6161

Square

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



68.3380, 88.5734, 57.5856



66.9760, -33.0192, 137.7100



71.0270, -35.0163, -62.2907



103.5730, 64.3005, -90.8335

Rectangle

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



68.3380, 88.5734, 57.5856



86.3630, 3.7650, 146.1406



71.0270, -35.0163, -62.2907



86.9920, 8.3849, -76.2920

Sweetspot

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



68.3380, 88.5734, 57.5856



199.9230, 27.1530, 17.6075



96.3640, 74.7565, -84.5112



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.



68.3380, 88.5734, 57.5856



70.3320, 91.0413, 59.3448



101.5120, 68.2746, 128.4700



115.5750, 4.6465, 3.0037



52.0440, 67.5193, 43.8114



16.8210, 21.7802, 14.1890

Inverse Universe

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



87.1480, 13.2380, 141.0672



89.5830, 13.5166, 145.0707



146.4880, -68.2746, -128.4700



116.5710, 0.7045, 7.3922



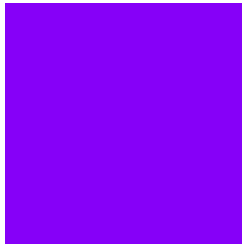
66.4290, 10.1415, 107.4948



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 68.3380, 88.5734, 57.5856 looks on a white background.

Color Contrast Check

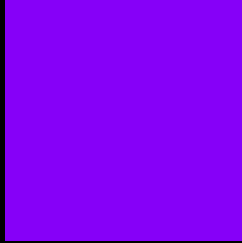
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.3380, 88.5734, 57.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

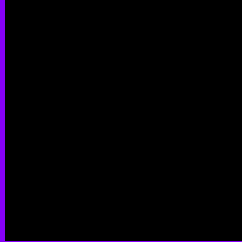
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3380, 88.5734, 57.5856

Background



This preview shows how black text looks on a background with the YUV color 68.3380, 88.5734, 57.5856.



This preview shows how white text looks on a background with the YUV color 68.3380, 88.5734,

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

78.4510, 59.4307, -68.8015

Deuteranopia

78.6670, 45.0272, -68.9910

Tritanopia

98.0970, 2.9102, -0.0851

Trichromacy



Protanomaly

74.6090, 70.1988, -22.4591

Deuteranomaly

74.7910, 60.7420, -22.6187

Tritanomaly

87.3670, 33.8361, 20.7261

Monochromacy



Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9110, 32.0889, 21.1261

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3380, 88.5734, 57.5856 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(134, 0, 248)` looks like.

```
.text, #text, p{  
  color:rgb(134, 0, 248)  
}
```

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(134, 0, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 248) }
```

Border

The CSS property to change the border of an element to YUV 68.3380, 88.5734, 57.5856 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(134, 0, 248) }
```

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

```
.border{ border-color:rgb(134, 0, 248) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 248);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
248) }
```


Background

The CSS property to change the background color of an element to YUV 68.3380, 88.5734, 57.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 248) }
```

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

```
.background{ background-color: rgb(134, 0,  
248) }
```

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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