

Converting Colors

YUV(89.9670, 80.8683, 8.7989)

Have a look what the booklet for
YUV(89.9670, 80.8683, 8.7989)
contains.

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Color

**YUV(89.9670, 80.8683,
8.7989)**

Conversions

Conversions Part 1

Format	Color
Hex	6435FE
RGB	100, 53, 254
RGB Percent	39%, 21%, 100%
CMY	0.6078, 0.7922, 0.0039
CMYK	0.61, 0.79, 0.00, 0.00
HSL	254°, 99%, 60%
HSV	254°, 79%, 100%
XYZ	24.4180, 12.4113, 94.8746
YIQ	89.9670, -36.5090, 72.4750

Conversions

Conversions Part 2

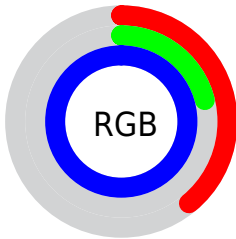
Format	Color
R _Y B	100, 53, 254
Decimal	6567422
CIE Lab	41.86, 68.45, -91.26
CIE LCh	42, 114.079, 306.869
Yxy	12.4113, 0.1854, 0.0942
Android (android.graphics.Color)	4284757502 (0xFF6435FE)
YUV	89.9670, 80.8683, 8.7989
Hunter-Lab	35.2297, 62.0682, -135.0091

Details

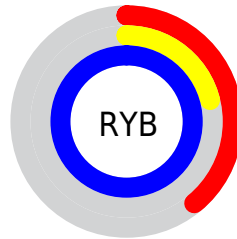
The YUV color **89.9670, 80.8683, 8.7989** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **217.0330, -80.8683, -8.7989**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5130, 55.9491, 21.4751**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **69.6110, 90.9038, 9.9882**, and if you desaturate by 10%, it is **110.3230, 70.8328, 7.6097**.

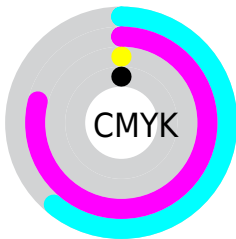
Distribution



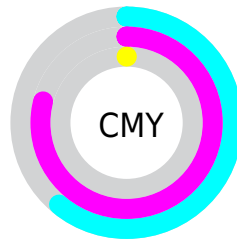
- Red (39%)
- Green (21%)
- Blue (100%)



- Red (39%)
- Yellow (21%)
- Blue (100%)



- Cyan (61%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)





- Cyan (61%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.9670, 80.8683, 8.7989 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 89.9670, 80.8683, 8.7989 by changing the saturation by 10% instead.


 89.9670, 80.8683,
8.7989


 89.9670, 80.8683,
8.7989


255.0000, 0.0000,
0.0000


 57.3900, 82.6317,
3.1660


 141.5130, 55.9491,
21.4751


 22.3440, 85.6124,
-19.5957


 166.9300, 43.4185,
27.2484


 19.0380, 72.9453,
-16.6963


 192.3470, 30.8879,
33.0217

 15.9600, 61.1517,
-13.9969

 216.2580, 19.0998,
33.9767

 12.8820, 49.3582,
-11.2975

 233.2810, 10.7075,
19.0476

 17.0760, 34.9655,
-14.9757

 250.3040, 2.3151,

 10.7040, 25.7819,

4.1184

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 89.9670, 80.8683,
8.7989

■ 89.9670, 80.8683,
8.7989

■ 69.6110, 90.9038,
9.9882

■ 110.3230, 70.8328,
7.6097

■ 48.3690, 101.3761,
11.0774

■ 131.5650, 60.3605,
6.5205

■ 46.5970, 102.2497,
10.8774

■ 151.9210, 50.3249,
5.3313

■ 173.1630, 39.8526,
4.2420

■ 193.5190, 29.8171,
3.0528

■ 214.1740, 19.6342,
2.4784

■ 235.1170, 9.3093,
0.7744

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



93.0530, 79.8399, -81.6075



89.9670, 80.8683, 8.7989



85.1320, 44.3049, 116.5252

Triad

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



89.9670, 80.8683, 8.7989



87.8440, -43.3071, 77.3128



89.8760, 14.3581, -78.8213

Complementary

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



89.9670, 80.8683, 8.7989



217.0330, -80.8683, -8.7989

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.



74.5490, -36.7527, -65.3795



89.9670, 80.8683, 8.7989



90.9590, -44.8428, 9.6830

Square

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



89.9670, 80.8683, 8.7989



68.4710, -33.7562, 140.7839



70.4400, -34.7269, -61.7759



101.6520, 54.4016, -89.1488

Rectangle

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



89.9670, 80.8683, 8.7989



86.1370, 13.2435, 139.3229



70.4400, -34.7269, -61.7759



85.5270, 0.2332, -75.0072

Sweetspot

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



89.9670, 80.8683, 8.7989



205.1400, 24.5810, 2.5082



166.3120, 43.2302, -99.3746



97.6100, 14.9823, 1.2190



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.



89.9670, 80.8683, 8.7989



57.3320, 97.4503, 10.2328



119.8670, 66.1276, 70.2766



117.3790, 5.2362, 0.5446



35.2290, 76.7951, 8.5692



11.7810, 25.7440, 2.8231

Inverse Universe

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



130.6550, 37.6381, 108.1736



106.4480, 45.1351, 130.2801



187.1330, -66.1276, -70.2766



120.0270, 2.4517, 6.9923



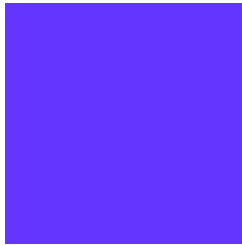
73.8670, 36.0546, 102.7256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 89.9670, 80.8683, 8.7989 looks on a white background.

Color Contrast Check

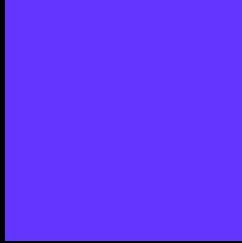
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.9670, 80.8683, 8.7989 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 89.9670, 80.8683, 8.7989

Background



This preview shows how black text looks on a background with the YUV color 89.9670, 80.8683, 8.7989.



This preview shows how white text looks on a background with the YUV color 89.9670, 80.8683,

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

89.9670, 80.8683, 8.7989

Deuteranopia

78.6670, 45.0272, -68.9910

Tritanopia

85.7040, 15.4289, -48.8524

Trichromacy



Original Color

89.9670, 80.8683, 8.7989

Deuteranomaly

82.9860, 58.1809, -41.2067

Tritanomaly

87.1390, 39.3715, -28.1859

Monochromacy



Original Color

89.9670, 80.8683, 8.7989

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.4050, 29.3803, 3.1528

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9670, 80.8683, 8.7989 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(100, 53, 254)` looks like.

```
.text, #text, p{  
    color:rgb(100, 53, 254)  
}
```

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(100, 53, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 53, 254) }
```

Border

The CSS property to change the border of an element to YUV 89.9670, 80.8683, 8.7989 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(100, 53, 254) }
```

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

```
.border{ border-color:rgb(100, 53, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 53, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 53, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 53, 254);  
box-shadow:4px 4px 4px 4px rgb(100, 53,  
254) }
```


Background

The CSS property to change the background color of an element to YUV 89.9670, 80.8683, 8.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 53, 254) }
```

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

```
.background{ background-color: rgb(100, 53,  
254) }
```

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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