

Converting Colors

YUV(87.5430, 80.5843, 6.5398)

Have a look what the booklet for
YUV(87.5430, 80.5843, 6.5398)
contains.

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Color

**YUV(87.5430, 80.5843,
6.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	5F34FB
RGB	95, 52, 251
RGB Percent	37%, 20%, 98%
CMY	0.6275, 0.7961, 0.0157
CMYK	0.62, 0.79, 0.00, 0.02
HSL	253°, 96%, 59%
HSV	253°, 79%, 98%
XYZ	23.3599, 11.8539, 92.3236
YIQ	87.5430, -38.2510, 71.0050

Conversions

Conversions Part 2

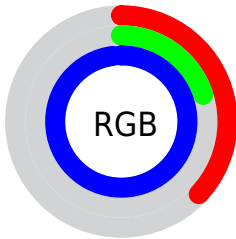
Format	Color
R_{YB}	95, 52, 251
Decimal	6239483
CIE _{Lab}	40.98, 67.58, -91.05
CIE _{LCh}	41, 113.390, 306.583
Yxy	11.8539, 0.1832, 0.0929
Android (android.graphics.Color)	4284429563 (0xFF5F34FB)
YUV	87.5430, 80.5843, 6.5398
Hunter-Lab	34.4295, 60.8578, -134.8870

Details

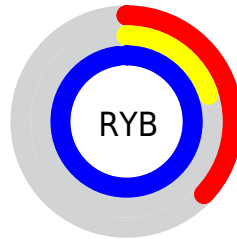
The YUV color **87.5430, 80.5843, 6.5398** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **215.4570, -80.5843, -6.5398**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1430, 57.1175, 20.0456**, and **22.0020, 84.3020, -19.2958** is the 20% darker color. If you saturate the color by 10%, you get **66.8880, 90.7672, 7.1142**, and if you desaturate by 10%, it is **108.1980, 70.4014, 5.9654**.

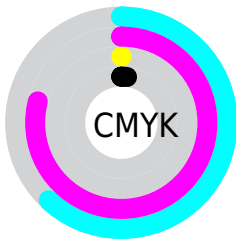
Distribution



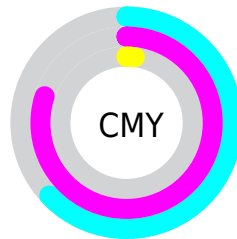
- Red (37%)
- Green (20%)
- Blue (98%)



- Red (37%)
- Yellow (20%)
- Blue (98%)



- Cyan (62%)
- Magenta (79%)
- Yellow (0%)
- Black (2%)



- Cyan (63%)
- Magenta (80%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.5430, 80.5843, 6.5398 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 87.5430, 80.5843, 6.5398 by changing the saturation by 10% instead.

87.5430, 80.5843,
6.5398

87.5430, 80.5843,
6.5398

255.0000, 0.0000,
0.0000

54.6670, 82.4952,
0.2920

139.1430, 57.1175,
20.0456

22.0020, 84.3020,
-19.2958

164.5600, 44.5869,
25.8189

18.8100, 72.0717,
-16.4964

190.2650, 31.9144,
30.4626

15.6180, 59.8413,
-13.6970

215.6710, 19.3892,
34.4915

12.6540, 48.4846,
-11.0976

232.1070, 11.2862,
20.0772

16.7340, 33.6551,
-14.6757

249.1300, 2.8939,

10.4760, 24.9083,

5.1480

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 87.5430, 80.5843,
6.5398

■ 87.5430, 80.5843,
6.5398

■ 66.8880, 90.7672,
7.1142

■ 108.1980, 70.4014,
5.9654

■ 46.5320, 100.8027,
8.3034

■ 128.5540, 60.3659,
4.7761

■ 44.7600, 101.6763,
8.1035

■ 149.2090, 50.1830,
4.2017

■ 169.8640, 40.0000,
3.6273

■ 190.8070, 29.6751,
1.9233

■ 211.4620, 19.4922,
1.3488

■ 232.1170, 9.3093,
0.7744

■ 252.4730, -0.7262,
-0.4148

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



91.8790, 80.4187, -80.5779



87.5430, 80.5843, 6.5398



83.7080, 44.0210, 114.2661

Triad

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



87.5430, 80.5843, 6.5398



85.4850, -42.1441, 77.6277



87.7730, 13.9159, -76.9769

Complementary

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



87.5430, 80.5843, 6.5398



215.4570, -80.5843, -6.5398

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.



72.7880, -35.8845, -63.8351



87.5430, 80.5843, 6.5398



89.1870, -43.9692, 9.4830

Square

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



87.5430, 80.5843, 6.5398



67.5740, -33.3140, 138.9396



69.2660, -34.1481, -60.7463



99.4350, 53.5225, -87.2045

Rectangle

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



87.5430, 80.5843, 6.5398



84.8270, 13.3963, 136.9637



69.2660, -34.1481, -60.7463



83.4240, -0.2090, -73.1628

Sweetspot

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



87.5430, 80.5843, 6.5398



204.8410, 24.7284, 1.8934



168.0190, 40.9096, -101.7487



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.



87.5430, 80.5843, 6.5398



56.1360, 98.0400, 7.7737



116.2470, 66.4332, 65.5584



114.3790, 5.2362, 0.5446



33.8050, 76.5111, 6.3100



10.8410, 24.7284, 1.8934

Inverse Universe

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



129.2850, 38.8065, 106.7441



107.0180, 47.3191, 129.7802



186.7530, -66.4332, -65.5584



117.0270, 2.4517, 6.9923



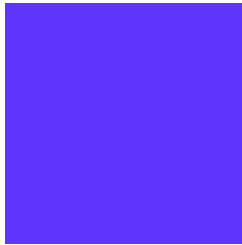
73.3830, 36.7862, 101.3961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 87.5430, 80.5843, 6.5398 looks on a white background.

Color Contrast Check

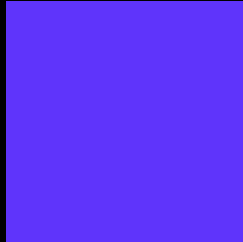
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.5430, 80.5843, 6.5398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

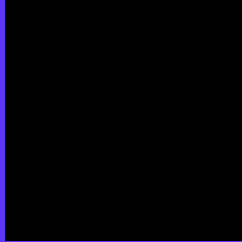
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.5430, 80.5843, 6.5398

Background



This preview shows how black text looks on a background with the YUV color 87.5430, 80.5843, 6.5398.



This preview shows how white text looks on a background with the YUV color 87.5430, 80.5843,

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

87.5430, 80.5843, 6.5398

Protanopia

76.8210, 58.2622, -67.3720

Deuteranopia

77.0370, 43.8588, -67.5614



Tritanopia

75.3320, 19.5563, -66.0662

Trichromacy



Original Color

87.5430, 80.5843, 6.5398

Protanomaly

80.7610, 66.1798, -40.1324

Deuteranomaly

81.0570, 57.1599, -40.3920

Tritanomaly

79.6430, 41.5880, -39.1519

Monochromacy



Original Color

87.5430, 80.5843, 6.5398

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9920, 29.0909, 2.6380

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.5430, 80.5843, 6.5398 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(95, 52, 251)` looks like.

```
.text, #text, p{  
    color:rgb(95, 52, 251)  
}
```

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(95, 52, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 52, 251) }
```

Border

The CSS property to change the border of an element to YUV 87.5430, 80.5843, 6.5398 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(95, 52, 251) }
```


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

```
.border{ border-color:rgb(95, 52, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 52, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 52, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 52, 251);  
box-shadow:4px 4px 4px 4px rgb(95, 52,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 87.5430, 80.5843, 6.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 52, 251) }
```

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

```
.background{ background-color: rgb(95, 52,  
251) }
```

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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