

Converting Colors

YUV(58.1850, 87.1698, 41.0568)

Have a look what the booklet for
YUV(58.1850, 87.1698, 41.0568)
contains.

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Color

**YUV(58.1850, 87.1698,
41.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	6900EB
RGB	105, 0, 235
RGB Percent	41%, 0%, 92%
CMY	0.5882, 1.0000, 0.0784
CMYK	0.55, 1.00, 0.00, 0.08
HSL	267°, 100%, 46%
HSV	267°, 100%, 92%
XYZ	20.8211, 9.0014, 79.2373
YIQ	58.1850, -12.8550, 95.3450

Conversions

Conversions Part 2

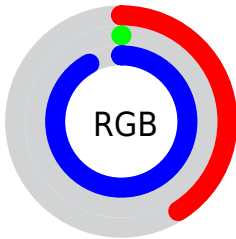
Format	Color
R _Y B	105, 0, 235
Decimal	6881515
CIE Lab	35.99, 77.33, -90.26
CIE LCh	36, 118.857, 310.587
Yxy	9.0014, 0.1909, 0.0825
Android (android.graphics.Color)	4285071595 (0xFF6900EB)
YUV	58.1850, 87.1698, 41.0568
Hunter-Lab	30.0024, 71.3716, -135.5854

Details

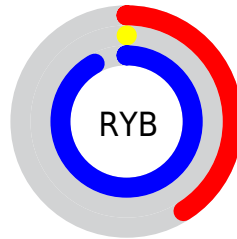
The YUV color **58.1850, 87.1698, 41.0568** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **176.8150, -87.1698, -41.0568**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8000, 64.1886, 38.7634**, and **24.6630, 75.1021, -8.4745** is the 20% darker color. If you saturate the color by 10%, you get **58.1850, 87.1698, 41.0568**, and if you desaturate by 10%, it is **75.5730, 78.5975, 37.2085**.

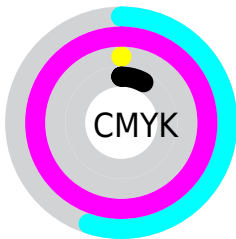
Distribution



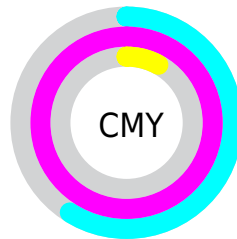
- Red (41%)
- Green (0%)
- Blue (92%)



- Red (41%)
- Yellow (0%)
- Blue (92%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (59%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1850, 87.1698, 41.0568 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 58.1850, 87.1698, 41.0568 by changing the saturation by 10% instead.

■ 58.1850, 87.1698,
41.0568

■ 58.1850, 87.1698,
41.0568

■ 255.0000, 0.0000,
0.0000

■ 44.1150, 79.8093,
21.8241

■ 124.8000, 64.1886,
38.7634

■ 24.6630, 75.1021,
-8.4745

■ 151.3910, 51.0792,
43.5071

■ 17.1000, 65.5197,
-14.9967

■ 177.0960, 38.4067,
48.1508

■ 14.0220, 53.7262,
-12.2973

■ 200.4090, 26.9134,
47.8763

■ 12.2320, 41.7906,
-10.7275

■ 217.4320, 18.5210,
32.9471


■ 12.9040, 29.1343,
-11.3168


■ 234.4550, 10.1287,


■ 7.8200, 19.8087,


18.0180

-6.8581


 252.0650, 1.4470,
2.5740


 3.5510, 11.0674,
-3.1142


 0.0000, 0.0000,
0.0000

 58.1850, 87.1698,
41.0568

 75.5730, 78.5975,
37.2085

 93.5480, 69.7358,
32.8454

 111.5230, 60.8742,
28.4823

 128.9110, 52.3019,
24.6341

■ 146.8860, 43.4402,
20.2710

■ 164.2740, 34.8679,
16.4227

■ 181.6620, 26.2956,
12.5744

■ 199.6370, 17.4340,
8.2114

■ 217.0250, 8.8617,
4.3631

Harmonies

Analogous

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



83.6610, 84.4701, -73.3707



58.1850, 87.1698, 41.0568



80.3030, 34.8536, 114.6213

Triad

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



58.1850, 87.1698, 41.0568



75.9720, -37.4542, 66.6766



80.3700, 18.5516, -70.4845

Complementary

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



58.1850, 87.1698, 41.0568



176.8150, -87.1698, -41.0568

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.



65.2710, -31.6856, -57.2427



58.1850, 87.1698, 41.0568



75.5320, -37.2373, -3.0976

Square

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



58.1850, 87.1698, 41.0568



61.8930, -30.5132, 127.2588



62.2220, -30.6754, -54.5687



92.7330, 58.3056, -81.3268

Rectangle

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



58.1850, 87.1698, 41.0568



79.4000, 4.2398, 133.8302



62.2220, -30.6754, -54.5687



76.0210, 4.4266, -66.6704

Sweetspot

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



58.1850, 87.1698, 41.0568



197.8300, 28.1848, 13.3041



104.8610, 64.1585, -91.9631



93.2240, 17.1446, 7.6966



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.



58.1850, 87.1698, 41.0568



63.1560, 94.5791, 44.5902



92.2710, 70.3654, 111.1413



108.7490, 4.0677, 1.9741



44.8530, 67.1205, 31.7009



13.3320, 20.0493, 9.3558

Inverse Universe

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



85.0850, 22.1431, 131.4755



92.3190, 23.9997, 142.6712



142.7290, -70.3654, -111.1413



109.9730, 0.9993, 6.1627



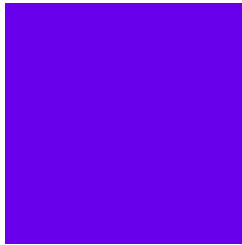
65.5190, 16.9991, 101.2768



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 58.1850, 87.1698, 41.0568 looks on a white background.

Color Contrast Check

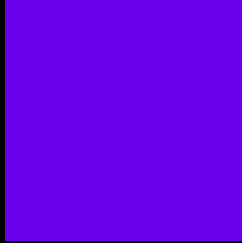
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 58.1850, 87.1698, 41.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 58.1850, 87.1698, 41.0568

Background



This preview shows how black text looks on a background with the YUV color 58.1850, 87.1698, 41.0568.



This preview shows how white text looks on a background with the YUV color 58.1850, 87.1698,

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

68.6710, 52.4202, -60.2245

Deuteranopia

69.2290, 39.3271, -60.7138

Tritanopia

81.7460, 8.5062, -21.7022

Trichromacy



Protanomaly

64.9310, 65.1100, -23.6185

Deuteranomaly

65.3410, 56.5269, -23.9781

Tritanomaly

73.0440, 36.9533, 0.8384

Monochromacy



Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0520, 31.5264, 14.8634

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1850, 87.1698, 41.0568 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(105, 0, 235)` looks like.

```
.text, #text, p{  
    color:rgb(105, 0, 235)  
}
```

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(105, 0, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 0, 235) }
```

Border

The CSS property to change the border of an element to YUV 58.1850, 87.1698, 41.0568 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(105, 0, 235) }
```

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

```
.border{ border-color:rgb(105, 0, 235) }
```

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

Here you see how a box with a 4 pixel rgb(105, 0, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 0, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 0, 235);  
box-shadow:4px 4px 4px 4px rgb(105, 0,  
235) }
```


Background

The CSS property to change the background color of an element to YUV 58.1850, 87.1698, 41.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 0, 235) }
```

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

```
.background{ background-color: rgb(105, 0,  
235) }
```

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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