

Converting Colors

YUV(57.0280, 68.5132, 51.7184)

Have a look what the booklet for
YUV(57.0280, 68.5132, 51.7184)
contains.

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Color

**YUV(57.0280, 68.5132,
51.7184)**

Conversions

Conversions Part 1

Format	Color
Hex	7400C4
RGB	116, 0, 196
RGB Percent	45%, 0%, 77%
CMY	0.5451, 1.0000, 0.2314
CMYK	0.41, 1.00, 0.00, 0.23
HSL	276°, 100%, 38%
HSV	276°, 100%, 77%
XYZ	17.1663, 7.6985, 52.8058
YIQ	57.0280, 6.2200, 85.5480

Conversions

Conversions Part 2

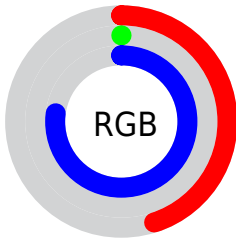
Format	Color
R_{YB}	116, 0, 196
Decimal	7602372
CIE _{Lab}	33.35, 69.93, -72.05
CIE _{LCh}	33, 100.406, 314.142
Yxy	7.6985, 0.2210, 0.0991
Android (android.graphics.Color)	4285792452 (0xFF7400C4)
YUV	57.0280, 68.5132, 51.7184
Hunter-Lab	27.7462, 61.8800, -93.4166

Details

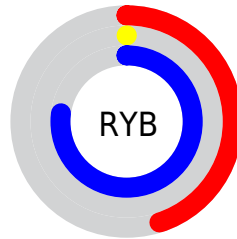
The YUV color **57.0280, 68.5132, 51.7184** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **138.9720, -68.5132, -51.7184**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3060, 63.4461, 43.5816**, and **32.2200, 53.6285, 19.1011** is the 20% darker color. If you saturate the color by 10%, you get **57.0280, 68.5132, 51.7184**, and if you desaturate by 10%, it is **71.1600, 61.5461, 46.3407**.

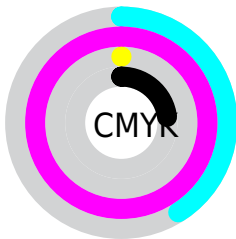
Distribution



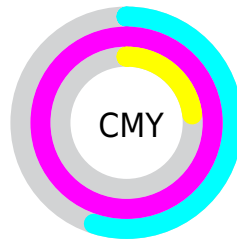
- Red (45%)
- Green (0%)
- Blue (77%)



- Red (45%)
- Yellow (0%)
- Blue (77%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (55%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.0280, 68.5132, 51.7184 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 57.0280, 68.5132, 51.7184 by changing the saturation by 10% instead.

■ 57.0280, 68.5132,
51.7184

■ 57.0280, 68.5132,
51.7184

■ 255.0000, 0.0000,
0.0000

■ 44.8660, 60.7051,
36.0745

■ 125.3060, 63.4461,
43.5816

■ 32.2200, 53.6285,
19.1011

■ 150.8260, 51.3578,
47.5106

■ 16.5840, 48.0261,
-4.0202

■ 176.5310, 38.6852,
52.1543

■ 10.1460, 38.8750,
-8.8980

■ 198.6480, 27.7815,
49.4207

■ 11.4050, 25.9293,
-10.0022

■ 215.6710, 19.3892,
34.4915


■ 6.4350, 17.0405,
-5.6435


■ 232.6940, 10.9969,


■ 2.7530, 8.0098,


19.5624


-2.4144


 249.7170, 2.6045,
4.6332


 0.0000, 0.0000,
0.0000


 57.0280, 68.5132,
51.7184

 71.1600, 61.5461,
46.3407

 84.7050, 54.8684,
41.4777

 98.8370, 47.9014,
36.1000

 112.3820, 41.2237,
31.2370

 126.5140, 34.2566,
25.8592

■ 140.6460, 27.2895,
20.4815

■ 154.1910, 20.6118,
15.6185

■ 168.3230, 13.6448,
10.2407

■ 181.8680, 6.9671,
5.3778

Harmonies

Analogous

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



74.2060, 81.2434, -65.0787



57.0280, 68.5132, 51.7184



70.9460, 26.1556, 104.4104

Triad

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



57.0280, 68.5132, 51.7184



72.9160, -35.9476, 50.0627



74.8590, 20.2825, -65.6513

Complementary

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



57.0280, 68.5132, 51.7184



138.9720, -68.5132, -51.7184

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.



63.1800, -16.8507, -55.4089



57.0280, 68.5132, 51.7184



69.0090, -34.0214, -7.9009

Square

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



57.0280, 68.5132, 51.7184



53.5210, -26.3859, 110.0451



57.5260, -28.3603, -50.4503



83.9960, 52.7530, -73.6645

Rectangle

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



57.0280, 68.5132, 51.7184



69.2040, 1.3784, 118.2161



57.5260, -28.3603, -50.4503



71.0800, 8.3416, -62.3372

Sweetspot

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



57.0280, 68.5132, 51.7184



201.1190, 26.5633, 20.0666



70.4780, 61.8823, -61.8092



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.



57.0280, 68.5132, 51.7184



74.2190, 89.1250, 67.3369



79.1240, 49.7319, 102.5003



89.9340, 3.4835, 2.6889



46.7590, 56.3208, 42.3074



9.7420, 11.4662, 8.9963

Inverse Universe

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



67.7240, 6.0521, 112.4981



88.1010, 7.8382, 146.3704



116.8760, -49.7319, -102.5003



90.4460, 0.2731, 5.7479



55.6630, 5.0961, 92.3805



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 57.0280, 68.5132, 51.7184 looks on a white background.

Color Contrast Check

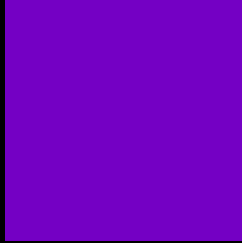
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.0280, 68.5132, 51.7184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

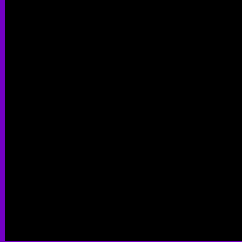
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.0280, 68.5132, 51.7184

Background



This preview shows how black text looks on a background with the YUV color 57.0280, 68.5132, 51.7184.



This preview shows how white text looks on a background with the YUV color 57.0280, 68.5132,

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

64.4820, 49.0624, -56.5507

Deuteranopia

64.7950, 37.5691, -56.8252

Tritanopia

81.4680, 0.2623, 9.2366

Trichromacy



Protanomaly

61.9720, 56.2158, -17.5154

Deuteranomaly

62.0230, 48.7957, -17.5602

Tritanomaly

72.3970, 24.9473, 25.0848

Monochromacy



Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7660, 25.2584, 18.6222

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0280, 68.5132, 51.7184 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(116, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(116, 0, 196)  
}
```

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(116, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 0, 196) }
```

Border

The CSS property to change the border of an element to YUV 57.0280, 68.5132, 51.7184 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(116, 0, 196) }
```

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

```
.border{ border-color:rgb(116, 0, 196) }
```

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

Here you see how a box with a 4 pixel rgb(116, 0, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(116, 0,  
196) }
```


Background

The CSS property to change the background color of an element to YUV 57.0280, 68.5132, 51.7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 0, 196) }
```

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

```
.background{ background-color: rgb(116, 0,  
196) }
```

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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