

Converting Colors

YUV(57.8020, 41.0166, 51.0396)

Have a look what the booklet for
YUV(57.8020, 41.0166, 51.0396)
contains.

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Color

**YUV(57.8020, 41.0166,
51.0396)**

Conversions

Conversions Part 1

Format	Color
Hex	740C8D
RGB	116, 12, 141
RGB Percent	45%, 5%, 55%
CMY	0.5451, 0.9529, 0.4471
CMYK	0.18, 0.91, 0.00, 0.45
HSL	288°, 84%, 30%
HSV	288°, 91%, 55%
XYZ	12.1416, 5.8990, 25.6980
YIQ	57.8020, 20.5750, 62.1670

Conversions

Conversions Part 2

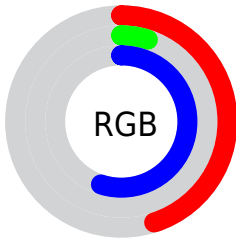
Format	Color
R_{YB}	116, 12, 141
Decimal	7605389
CIE _{Lab}	29.16, 57.18, -45.74
CIE _{LCh}	29, 73.222, 321.340
Yxy	5.8990, 0.2776, 0.1349
Android (android.graphics.Color)	4285795469 (0xFF740C8D)
YUV	57.8020, 41.0166, 51.0396
Hunter-Lab	24.2879, 46.7291, -45.7306

Details

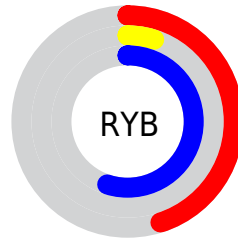
The YUV color **57.8020, 41.0166, 51.0396** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **95.1980, -41.0166, -51.0396**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.6830, 38.1173, 47.6360**, and **28.7980, 30.1726, 29.1182** is the 20% darker color. If you saturate the color by 10%, you get **50.1600, 44.7841, 55.9877**, and if you desaturate by 10%, it is **66.9170, 36.5229, 45.6768**.

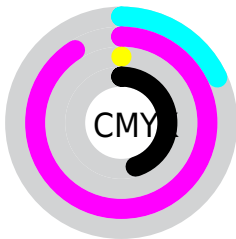
Distribution



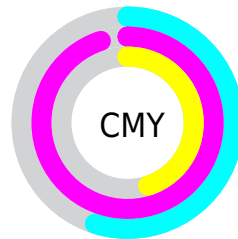
- Red (45%)
- Green (5%)
- Blue (55%)



- Red (45%)
- Yellow (5%)
- Blue (55%)



- Cyan (18%)
- Magenta (91%)
- Yellow (0%)
- Black (45%)



- Cyan (55%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8020, 41.0166, 51.0396 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 57.8020, 41.0166, 51.0396 by changing the saturation by 10% instead.

■ 57.8020, 41.0166,
51.0396

■ 57.8020, 41.0166,
51.0396

255.0000, 0.0000,
0.0000

■ 39.7210, 37.1125,
43.2177

■ 117.6830, 38.1173,
47.6360

■ 28.7980, 30.1726,
29.1182

■ 145.2100, 38.8435,
48.0508

■ 19.1850, 23.0798,
17.3778

■ 173.3350, 39.2748,
49.6952

■ 4.7880, 18.3455,
-4.1991

■ 197.4740, 28.3603,
50.4503

■ 2.9810, 8.8834,
-2.6143

■ 213.9100, 20.2574,
36.0359

■ 0.0000, 0.0000,
0.0000

■ 230.3460, 12.1544,

21.6216

247.9560, 3.4727,
6.1776

57.8020, 41.0166,
51.0396

57.8020, 41.0166,
51.0396

50.1600, 44.7841,
55.9877

66.9170, 36.5229,
45.6768

75.7330, 32.1766,
39.6992

84.8480, 27.6829,
34.3363

93.9630, 23.1892,
28.9734

103.6650, 18.4062,
23.0958

■ 112.4810, 14.0599,
17.1182

■ 121.5960, 9.5662,
11.7553

■ 130.7110, 5.0725,
6.3925

■ 139.8260, 0.5788,
1.0296

Harmonies

Analogous

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



56.5720, 59.3710, -49.6136



57.8020, 41.0166, 51.0396



56.6760, 15.4427, 87.1071

Triad

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



57.8020, 41.0166, 51.0396



65.4080, -32.2461, 29.4602



65.2560, 21.5658, -57.2295

Complementary

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



57.8020, 41.0166, 51.0396



95.1980, -41.0166, -51.0396

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.



57.9430, -3.9159, -50.8160



57.8020, 41.0166, 51.0396



59.2410, -29.2058, -12.4894

Square

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



57.8020, 41.0166, 51.0396



54.4640, -26.8508, 72.3841



49.8950, -24.5982, -43.7579



70.2550, 43.2583, -61.6136

Rectangle

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



57.8020, 41.0166, 51.0396



53.9530, -1.4558, 93.8802



49.8950, -24.5982, -43.7579



63.0900, 13.2666, -55.3299

Sweetspot

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



57.8020, 41.0166, 51.0396



151.6600, 15.9436, 19.5922



41.9680, 48.8228, -26.2819



72.5960, 9.5662, 11.7553



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8020, 41.0166, 51.0396



65.2280, 58.5546, 72.5910



60.8310, 20.2963, 70.3082



66.5920, 2.1731, 2.9888



47.9810, 42.9004, 53.5137



2.7060, 2.6099, 2.8888

Inverse Universe

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



53.4210, -8.0956, 76.8068



59.1200, -11.3982, 109.5198



92.1690, -20.2963, -70.3082



66.3210, -0.1583, 4.1035



43.3290, -8.5432, 80.3955



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 57.8020, 41.0166, 51.0396 looks on a white background.

Color Contrast Check

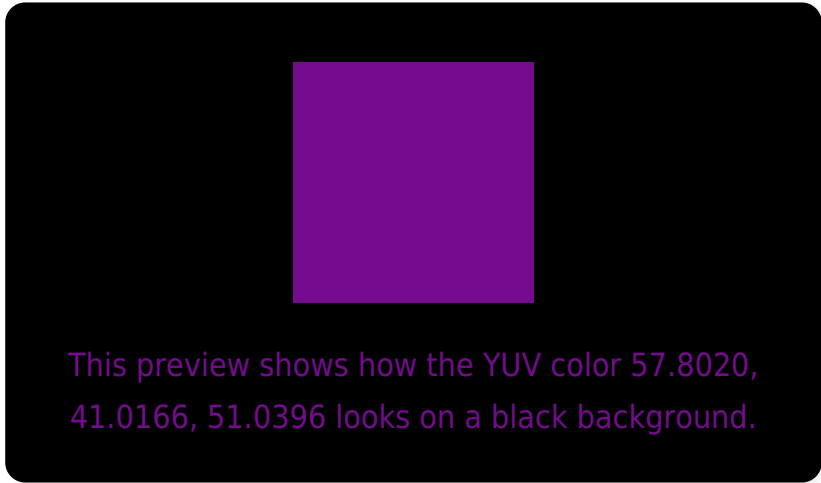
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

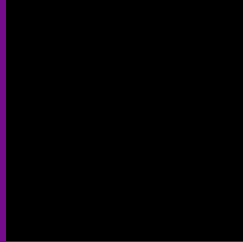
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8020, 41.0166, 51.0396

Background



This preview shows how black text looks on a background with the YUV color 57.8020, 41.0166, 51.0396.



This preview shows how white text looks on a background with the YUV color 57.8020, 41.0166,

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

57.8020, 41.0166, 51.0396

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

56.7420, 34.6372, -49.7627



Tritanopia

71.1070, -5.4758, 29.7242

Trichromacy



Original Color

57.8020, 41.0166, 51.0396



Protanomaly

57.0360, 42.3803, -13.1866



Deuteranomaly

56.9560, 36.9967, -13.1164



Tritanomaly

66.2170, 11.2320, 37.5207

Monochromacy



Original Color

57.8020, 41.0166, 51.0396



Achromatopsia

58.0000, 0.0000, 0.0000



Achromatomaly

57.7200, 14.9280, 18.6626

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8020, 41.0166, 51.0396 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, 12, 141)` looks like.

```
.text, #text, p{  
    color:rgb(116, 12, 141)  
}
```

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, 12, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 12, 141) }
```

Border

The CSS property to change the border of an element to YUV 57.8020, 41.0166, 51.0396 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, 12, 141) }
```


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

```
.border{ border-color:rgb(116, 12, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 12, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 12, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 12, 141);  
box-shadow:4px 4px 4px 4px rgb(116, 12,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 57.8020, 41.0166, 51.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 12, 141) }
```

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

```
.background{ background-color: rgb(116, 12,  
141) }
```

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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