

Converting Colors

YUV(67.0370, 17.7298, 53.4646)

Have a look what the booklet for
YUV(67.0370, 17.7298, 53.4646)
contains.

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Color

**YUV(67.0370, 17.7298,
53.4646)**

Conversions

Conversions Part 1

Format	Color
Hex	801D67
RGB	128, 29, 103
RGB Percent	50%, 11%, 40%
CMY	0.4980, 0.8863, 0.5961
CMYK	0.00, 0.77, 0.20, 0.50
HSL	315°, 63%, 31%
HSV	315°, 77%, 50%
XYZ	11.7896, 6.4472, 13.4550
YIQ	67.0370, 35.2500, 44.0020

Conversions

Conversions Part 2

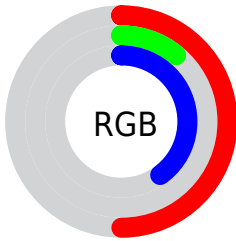
Format	Color
R_{YB}	128, 29, 103
Decimal	8396135
CIE _{Lab}	30.51, 48.87, -19.42
CIE _{LCh}	31, 52.586, 338.325
Yxy	6.4472, 0.3720, 0.2034
Android (android.graphics.Color)	4286586215 (0xFF801D67)
YUV	67.0370, 17.7298, 53.4646
Hunter-Lab	25.3913, 38.4458, -13.6442

Details

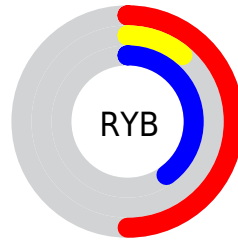
The YUV color **67.0370, 17.7298, 53.4646** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **89.9630, -17.7298, -53.4646**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8800, 15.8352, 54.4792**, and **28.8090, 13.4052, 40.5095** is the 20% darker color. If you saturate the color by 10%, you get **59.0640, 20.1814, 60.4569**, and if you desaturate by 10%, it is **75.0100, 15.2781, 46.4722**.

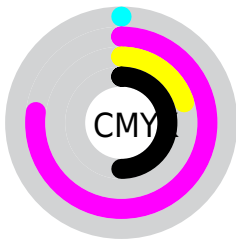
Distribution



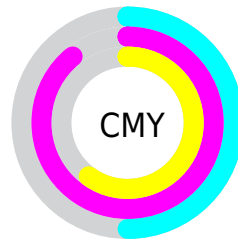
- Red (50%)
- Green (11%)
- Blue (40%)



- Red (50%)
- Yellow (11%)
- Blue (40%)



- Cyan (0%)
- Magenta (77%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (89%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0370, 17.7298, 53.4646 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 67.0370, 17.7298, 53.4646 by changing the saturation by 10% instead.

67.0370, 17.7298,
53.4646

67.0370, 17.7298,
53.4646

255.0000, 0.0000,
0.0000

39.2050, 19.6189,
54.1942

121.8800, 15.8352,
54.4792

28.8090, 13.4052,
40.5095

149.1790, 15.6878,
55.0940

19.5380, 7.6228,
28.4692

177.1900, 15.6823,
56.8384

5.6960, 1.1359,
9.0366

200.1180, 18.1828,
48.1315

0.0000, 0.0000,
0.0000

218.6060, 17.9422,
31.9175

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

67.0370, 17.7298,
53.4646

67.0370, 17.7298,
53.4646

59.0640, 20.1814,
60.4569

75.0100, 15.2781,
46.4722

51.0910, 22.6331,
67.4492

82.9830, 12.8264,
39.4799

49.2160, 23.0645,
69.0936

90.4830, 11.1009,
32.9024

98.4560, 8.6492,
25.9101

106.4290, 6.1975,
18.9178

■ 114.4020, 3.7458,
11.9254

■ 122.4890, 1.7309,
4.8331

■ 129.8750, -0.4314,
-1.6444

■ 137.8480, -2.8831,
-8.6367

Harmonies

Analogous

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



73.3180, 31.3952, 10.2451



67.0370, 17.7298, 53.4646



57.7440, 2.0982, 73.8925

Triad

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



67.0370, 17.7298, 53.4646



67.0590, -33.0601, 10.4723



66.1510, 27.5336, -58.0144

Complementary

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



67.0370, 17.7298, 53.4646



89.9630, -17.7298, -53.4646

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.



61.7050, 10.4984, -54.1153



67.0370, 17.7298, 53.4646



57.9900, -28.5891, -23.6702

Square

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



67.0370, 17.7298, 53.4646



67.5340, -33.2943, 38.9967



56.1020, -8.4313, -49.2015



66.2940, 40.7741, -58.1398

Rectangle

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



67.0370, 17.7298, 53.4646



61.5140, -12.5784, 67.9552



56.1020, -8.4313, -49.2015



64.7830, 22.2920, -56.8147

Sweetspot

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



67.0370, 17.7298, 53.4646



142.5540, 6.6289, 20.5621



47.7610, 39.5578, 5.4716



69.8150, 4.0352, 12.4402



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



67.0370, 17.7298, 53.4646



71.1560, 27.5311, 83.1782



61.4510, -3.6733, 58.3635



59.6630, 1.1521, 3.8035



49.1020, 22.6277, 69.1935



0.0000, 0.0000, 0.0000

Inverse Universe

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



67.0370, 17.7298, 53.4646



71.1560, 27.5311, 83.1782



95.5490, 3.6733, -58.3635



59.6630, 1.1521, 3.8035



49.1020, 22.6277, 69.1935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 67.0370, 17.7298, 53.4646 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

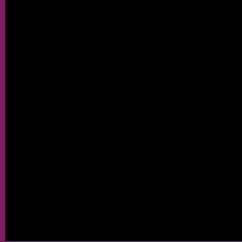
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0370, 17.7298, 53.4646

Background



This preview shows how black text looks on a background with the YUV color 67.0370, 17.7298, 53.4646.



This preview shows how white text looks on a background with the YUV color 67.0370, 17.7298,

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

67.0370, 17.7298, 53.4646

Protanopia

68.9560, 33.5457, -26.2714

Deuteranopia

73.3550, 11.6570, -5.5733



Tritanopia

70.0660, -9.8925, 46.4231

Trichromacy



Original Color

67.0370, 17.7298, 53.4646

Protanomaly

68.3510, 27.9280, 2.3232

Deuteranomaly

70.7690, 13.9179, 15.9886

Tritanomaly

68.7210, 0.1375, 49.3567

Monochromacy



Original Color

67.0370, 17.7298, 53.4646

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8420, 6.4869, 19.4326

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0370, 17.7298, 53.4646 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(128, 29, 103)` looks like.

```
.text, #text, p{  
    color:rgb(128, 29, 103)  
}
```

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(128, 29, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 29, 103) }
```

Border

The CSS property to change the border of an element to YUV 67.0370, 17.7298, 53.4646 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(128, 29, 103) }
```


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

```
.border{ border-color:rgb(128, 29, 103) }
```

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

Here you see how a box with a 4 pixel rgb(128, 29, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 29, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 29, 103);  
box-shadow:4px 4px 4px 4px rgb(128, 29,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 67.0370, 17.7298, 53.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 29, 103) }
```

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

```
.background{ background-color: rgb(128, 29,  
103) }
```

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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