

Converting Colors

YUV(67.6730, 6.0772, 10.8108)

Have a look what the booklet for
YUV(67.6730, 6.0772, 10.8108)
contains.

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Color

**YUV(67.6730, 6.0772,
10.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	503B50
RGB	80, 59, 80
RGB Percent	31%, 23%, 31%
CMY	0.6863, 0.7686, 0.6863
CMYK	0.00, 0.26, 0.00, 0.69
HSL	300°, 15%, 27%
HSV	300°, 26%, 31%
XYZ	6.3202, 5.4126, 8.3010
YIQ	67.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

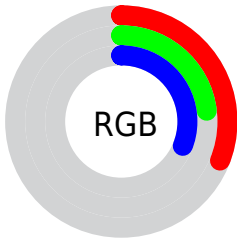
Format	Color
RYB	80, 59, 80
Decimal	5258064
CIELab	27.88, 13.43, -9.15
CIElCh	28, 16.253, 325.733
Yxy	5.4126, 0.3155, 0.2702
Android (android.graphics.Color)	4283448144 (0xFF503B50)
YUV	67.6730, 6.0772, 10.8108
Hunter-Lab	23.2650, 7.7779, -4.8694




Details

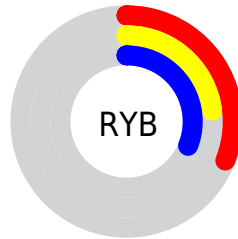
The YUV color **67.6730, 6.0772, 10.8108** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **71.3270, -6.0772, -10.8108**, and the grayscale version is **68.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **115.7980, 6.5086, 12.4552**, and **24.4340, 5.2090, 9.2664** is the 20% darker color. If you saturate the color by 10%, you get **62.9770, 8.3923, 14.9292**, and if you desaturate by 10%, it is **72.3690, 3.7621, 6.6924**.

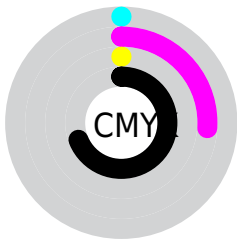
Distribution







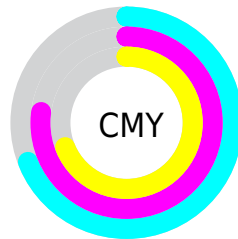
-  Red (31%)
-  Green (23%)
-  Blue (31%)






-  Red (31%)
-  Yellow (23%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (77%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6730, 6.0772, 10.8108 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 67.6730, 6.0772, 10.8108 by changing the saturation by 10% instead.

■ 67.6730, 6.0772,
10.8108

■ 67.6730, 6.0772,
10.8108

■ 255.0000, 0.0000,
0.0000

■ 45.2600, 5.7878,
10.2960

■ 115.7980, 6.5086,
12.4552

■ 24.4340, 5.2090,
9.2664

■ 141.7980, 6.5086,
12.4552

■ 2.9770, 4.9413,
1.7742

■ 168.2110, 6.7980,
12.9700

■ 0.0000, 0.0000,
0.0000

■ 195.3250, 7.2348,
12.8700

■ 223.6240, 7.0874,
13.4848

■ 246.7820, 4.0515,

7.2072

67.6730, 6.0772,
10.8108

67.6730, 6.0772,
10.8108

62.9770, 8.3923,
14.9292

72.3690, 3.7621,
6.6924

58.2810, 10.7075,
19.0476

77.0650, 1.4470,
2.5740

53.5850, 13.0226,
23.1660

81.7610, -0.8682,
-1.5444

48.8890, 15.3377,
27.2843

86.4570, -3.1833,
-5.6628

44.1930, 17.6529,
31.4027

91.1530, -5.4984,
-9.7812

39.4970, 19.9680,
35.5211

95.8490, -7.8136,
-13.8996

■ 34.8010, 22.2831,
39.6395

■ 100.5450,
-10.1287, -18.0180

■ 33.0400, 23.1513,
41.1839

■ 105.2410,
-12.4438, -22.1364

■ 109.9370,
-14.7589, -26.2547

Harmonies

Analogous

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



66.4480, 10.6251, -1.2699



67.6730, 6.0772, 10.8108



67.8220, 0.0878, 18.5731

Triad

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



67.6730, 6.0772, 10.8108



64.9660, -11.8152, 9.6768



58.1040, 8.8227, -29.9092

Complementary

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



67.6730, 6.0772, 10.8108



71.3270, -6.0772, -10.8108

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.



60.3130, 1.8177, -23.0765



67.6730, 6.0772, 10.8108



63.6550, -10.1829, -0.5744

Square

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



67.6730, 6.0772, 10.8108



66.1780, -9.9478, 17.3839



62.1420, -5.4930, -11.5255



60.1520, 12.7431, -27.3203

Rectangle

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



67.6730, 6.0772, 10.8108



67.5080, -3.7014, 20.6025



62.1420, -5.4930, -11.5255



59.1320, 6.3439, -28.1798

Sweetspot

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



67.6730, 6.0772, 10.8108



99.7170, 2.6045, 4.6332



61.3940, 9.1728, -2.0995



50.4780, 1.7363, 3.0888



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



67.6730, 6.0772, 10.8108



85.0420, 9.8393, 17.5032



66.5330, 1.7092, 11.8106



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Inverse Universe

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



67.6730, 6.0772, 10.8108



85.0420, 9.8393, 17.5032



72.5810, -1.2724, -11.9105



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 67.6730, 6.0772, 10.8108 looks on a white background.

Color Contrast Check

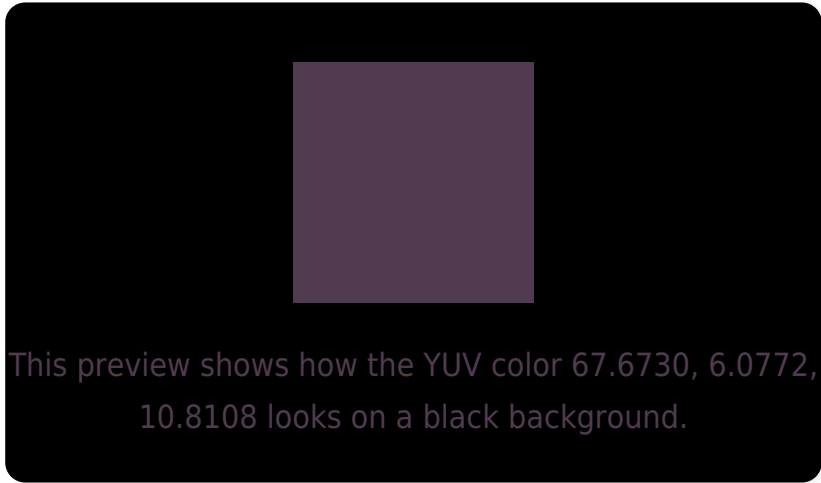
Large Text (above 18pt) WCAG AA ✓ Pass

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

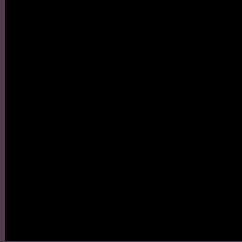
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.6730, 6.0772, 10.8108

Background



This preview shows how black text looks on a background with the YUV color 67.6730, 6.0772, 10.8108.



This preview shows how white text looks on a background with the YUV color 67.6730, 6.0772,

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

67.6730, 6.0772, 10.8108

Protanopia

65.9700, 8.8888, -4.3587

Deuteranopia

66.8950, 5.9678, -0.7849



Tritanopia

67.2400, -0.6113, 9.4365

Trichromacy



Original Color

67.6730, 6.0772, 10.8108

Protanomaly

66.7750, 7.9989, 1.0743

Deuteranomaly

67.2160, 5.8095, 3.3186

Tritanomaly

67.5220, 1.7147, 10.0662

Monochromacy



Original Color

67.6730, 6.0772, 10.8108

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6730, 6.0772, 10.8108 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(80, 59, 80)` looks like.

```
.text, #text, p{  
    color:rgb(80, 59, 80)  
}
```

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(80, 59, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 59, 80) }
```

Border

The CSS property to change the border of an element to YUV 67.6730, 6.0772, 10.8108 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(80, 59, 80) }
```


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

```
.border{ border-color:rgb(80, 59, 80) }
```

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

Here you see how a box with a 4 pixel rgb(80, 59, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 59, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 59, 80);  
box-shadow:4px 4px 4px 4px rgb(80, 59, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.6730, 6.0772, 10.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 59, 80) }
```

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

```
.background{ background-color: rgb(80, 59,  
80) }
```

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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