

Converting Colors

YUV(56.7200, 5.0680, 54.6196)

Have a look what the booklet for
YUV(56.7200, 5.0680, 54.6196)
contains.

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Color

**YUV(56.7200, 5.0680,
54.6196)**

Conversions

Conversions Part 1

Format	Color
Hex	771743
RGB	119, 23, 67
RGB Percent	47%, 9%, 26%
CMY	0.5333, 0.9098, 0.7373
CMYK	0.00, 0.81, 0.44, 0.53
HSL	332°, 68%, 28%
HSV	332°, 81%, 47%
XYZ	8.9273, 4.9400, 5.7932
YIQ	56.7200, 43.0920, 34.0360

Conversions

Conversions Part 2

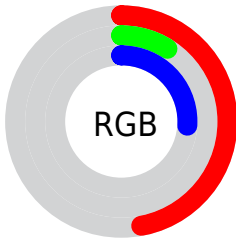
Format	Color
R_{YB}	119, 23, 67
Decimal	7804739
CIE _{Lab}	26.56, 43.82, -1.84
CIE _{LCh}	27, 43.858, 357.598
Yxy	4.9400, 0.4541, 0.2513
Android (android.graphics.Color)	4285994819 (0xFF771743)
YUV	56.7200, 5.0680, 54.6196
Hunter-Lab	22.2261, 32.8003, 0.1044

Details

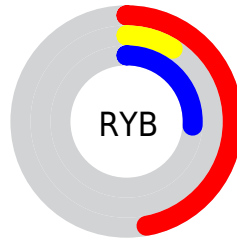
The YUV color **56.7200, 5.0680, 54.6196** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **85.2800, -5.0680, -54.6196**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6340, 2.1524, 56.4490**, and **22.2850, 1.3385, 37.4611** is the 20% darker color. If you saturate the color by 10%, you get **48.9920, 5.9199, 61.3970**, and if you desaturate by 10%, it is **64.4480, 4.2161, 47.8421**.

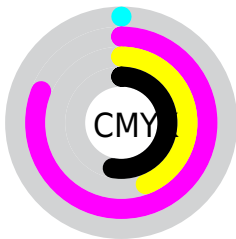
Distribution



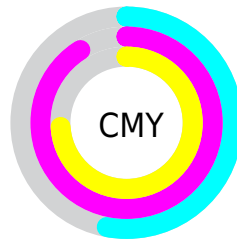
- Red (47%)
- Green (9%)
- Blue (26%)



- Red (47%)
- Yellow (9%)
- Blue (26%)



- Cyan (0%)
- Magenta (81%)
- Yellow (44%)
- Black (53%)




- Cyan (53%)
- Magenta (91%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 56.7200, 5.0680, 54.6196 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 56.7200, 5.0680, 54.6196 by changing the saturation by 10% instead.

 56.7200, 5.0680,
54.6196

 56.7200, 5.0680,
54.6196


255.0000, 0.0000,
0.0000

 32.6380, 6.0945,
52.0605

 110.6340, 2.1524,
56.4490

 22.2850, 1.3385,
37.4611


 137.4170, 1.2734,
58.3933

 12.6720, -5.7543,
25.7207

 165.0150, 0.9786,
59.6228

 0.0000, 0.0000,
0.0000

 190.5200, 1.7156,
56.5490

 210.1480, 5.8430,
39.3352


 229.7760, 9.9704,

22.1214


 247.3690, 3.7621,
6.6924

 56.7200, 5.0680,
54.6196


 56.7200, 5.0680,
54.6196

 48.9920, 5.9199,
61.3970


 64.4480, 4.2161,
47.8421

 41.8510, 6.4825,
67.6597

 72.2900, 3.8010,
40.9647

 80.0180, 2.9491,
34.1872

 87.8600, 2.5340,
27.3098

 95.0010, 1.9715,
21.0471

■ 102.8430, 1.5564,
14.1697

■ 110.5710, 0.7045,
7.3922

■ 118.4130, 0.2894,
0.5148

■ 126.1410, -0.5625,
-6.2627

Harmonies

Analogous

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



62.9050, 17.7948, 32.5323



56.7200, 5.0680, 54.6196



56.4800, -11.0826, 54.8300

Triad

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



56.7200, 5.0680, 54.6196



55.1430, -27.1855, -7.1414



57.5910, 30.2746, -50.5073

Complementary

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



56.7200, 5.0680, 54.6196



85.2800, -5.0680, -54.6196

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.



55.8010, 18.3391, -48.9375



56.7200, 5.0680, 54.6196



46.7610, -11.2212, -41.0094

Square

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



56.7200, 5.0680, 54.6196



59.1400, -29.1560, 18.2942



51.9250, 3.4880, -45.5382



54.7360, 37.1052, -48.0035

Rectangle

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



56.7200, 5.0680, 54.6196



58.7380, -22.5488, 45.8338



51.9250, 3.4880, -45.5382



57.3800, 26.9277, -50.3223

Sweetspot

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



56.7200, 5.0680, 54.6196



131.3000, 1.8241, 21.6619



49.1930, 34.4149, 21.7557



64.1310, 1.4144, 13.0401



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



56.7200, 5.0680, 54.6196



58.0150, 7.8806, 85.9328



53.4650, -15.0192, 57.4742



55.0220, -0.0108, 3.4887



42.8620, 6.4770, 69.4040



87.8600, 13.3800, 142.1968

Inverse Universe

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



56.7200, 5.0680, 54.6196



58.0150, 7.8806, 85.9328



88.5350, 15.0192, -57.4742



55.0220, -0.0108, 3.4887



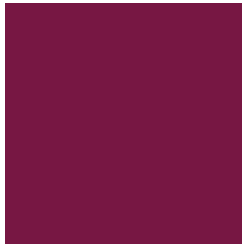
42.8620, 6.4770, 69.4040



87.8600, 13.3800, 142.1968

Previews

White Background



This preview shows how the YUV color 56.7200, 5.0680, 54.6196 looks on a white background.

Color Contrast Check

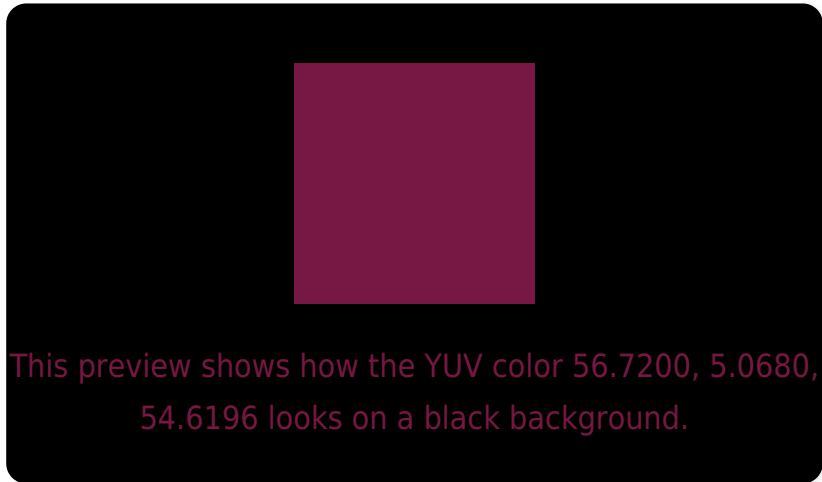
Large Text (above 18pt) WCAG AA ✓ Pass

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

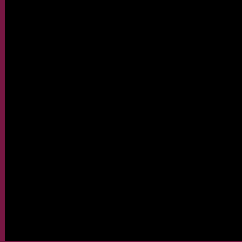
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7200, 5.0680, 54.6196

Background



This preview shows how black text looks on a background with the YUV color 56.7200, 5.0680, 54.6196.



This preview shows how white text looks on a background with the YUV color 56.7200, 5.0680,

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

56.7200, 5.0680, 54.6196

Protanopia

64.6860, 12.9728, -7.6176

Deuteranopia

64.9900, -1.4741, 6.1478



Tritanopia

58.2300, -11.9454, 51.5413

Trichromacy



Original Color

56.7200, 5.0680, 54.6196

Protanomaly

61.7320, 9.9921, 15.1440

Deuteranomaly

62.0830, 0.9451, 23.6062

Tritanomaly

57.5490, -5.6937, 53.0155

Monochromacy



Original Color

56.7200, 5.0680, 54.6196

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2890, 1.8295, 19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7200, 5.0680, 54.6196 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(119, 23, 67)` looks like.

```
.text, #text, p{  
    color:rgb(119, 23, 67)  
}
```

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(119, 23, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 23, 67) }
```

Border

The CSS property to change the border of an element to YUV 56.7200, 5.0680, 54.6196 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(119, 23, 67) }
```


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

```
.border{ border-color:rgb(119, 23, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 23, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 23, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 23, 67);  
box-shadow:4px 4px 4px 4px rgb(119, 23,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 56.7200, 5.0680, 54.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 23, 67) }
```

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

```
.background{ background-color: rgb(119, 23,  
67) }
```

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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