

Converting Colors

YUV(63.0980, -4.9783, 56.9191)

Have a look what the booklet for
YUV(63.0980, -4.9783, 56.9191)
contains.

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Color

**YUV(63.0980, -4.9783,
56.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	802035
RGB	128, 32, 53
RGB Percent	50%, 13%, 21%
CMY	0.4980, 0.8745, 0.7922
CMYK	0.00, 0.75, 0.59, 0.50
HSL	347°, 60%, 31%
HSV	347°, 75%, 50%
XYZ	10.0612, 5.8793, 3.9727
YIQ	63.0980, 50.4750, 26.8830

Conversions

Conversions Part 2

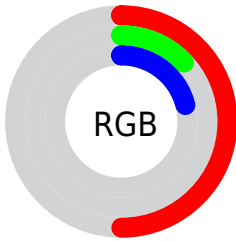
Format	Color
R_{YB}	128, 32, 53
Decimal	8396853
CIE _{Lab}	29.11, 42.10, 11.43
CIE _{LCh}	29, 43.627, 15.194
Yxy	5.8793, 0.5053, 0.2952
Android (android.graphics.Color)	4286586933 (0xFF802035)
YUV	63.0980, -4.9783, 56.9191
Hunter-Lab	24.2472, 31.6348, 7.2589

Details

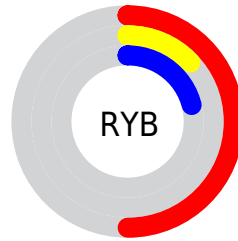
The YUV color **63.0980, -4.9783, 56.9191** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **96.9020, 4.9783, -56.9191**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4960, -8.6255, 60.0780**, and **22.7390, -7.2663, 44.0789** is the 20% darker color. If you saturate the color by 10%, you get **54.3270, -5.5842, 64.6112**, and if you desaturate by 10%, it is **71.8690, -4.3724, 49.2269**.

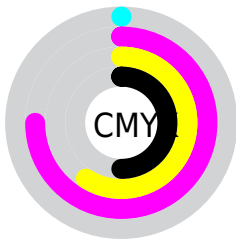
Distribution



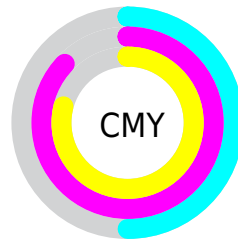
- Red (50%)
- Green (13%)
- Blue (21%)



- Red (50%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (75%)
- Yellow (59%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0980, -4.9783, 56.9191 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 63.0980, -4.9783, 56.9191 by changing the saturation by 10% instead.

63.0980, -4.9783,
56.9191

63.0980, -4.9783,
56.9191

255.0000, 0.0000,
0.0000

33.5480, -0.7632,
58.2784

116.4960, -8.6255,
60.0780

22.7390, -7.2663,
44.0789

143.5780, -9.6520,
62.6371

14.8790, -6.3493,
29.9241

170.7740,
-10.2416, 65.0962

0.0000, 0.0000,
0.0000

192.6910, -7.7357,
54.6450

212.2050, -4.0451,
37.5312

232.4200, -0.2071,

19.8027

252.0650, 1.4470,
2.5740

63.0980, -4.9783,
56.9191

63.0980, -4.9783,
56.9191

54.3270, -5.5842,
64.6112

71.8690, -4.3724,
49.2269

45.5560, -6.1901,
72.3034

80.6400, -3.7665,
41.5347

41.4640, -6.6378,
75.8921

88.8240, -2.8712,
34.3574

97.5950, -2.2653,
26.6652

106.3660, -1.6594,
18.9730

■ 115.1370, -1.0535,
11.2809

■ 123.9080, -0.4476,
3.5887

■ 132.0920, 0.4476,
-3.5887

■ 140.8630, 1.0535,
-11.2809

Harmonies

Analogous

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



66.3430, 10.1839, 47.0572



63.0980, -4.9783, 56.9191



64.3900, -21.3913, 47.8930

Triad

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



63.0980, -4.9783, 56.9191



55.8570, -20.1425, -26.1846



60.4750, 36.2478, -53.0366

Complementary

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



63.0980, -4.9783, 56.9191



96.9020, 4.9783, -56.9191

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.



61.3580, 26.9385, -53.8110



63.0980, -4.9783, 56.9191



54.4210, -2.1796, -47.7272

Square

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



63.0980, -4.9783, 56.9191



62.5960, -30.8598, 4.7393



58.9980, 12.8190, -51.7412



60.8840, 36.0462, -34.9783

Rectangle

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



63.0980, -4.9783, 56.9191



64.5660, -31.8310, 36.3376



58.9980, 12.8190, -51.7412



61.1930, 33.9219, -53.6663

Sweetspot

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



63.0980, -4.9783, 56.9191



140.2740, -2.1071, 22.5617



65.0700, 31.0245, 35.8956



68.4470, -1.2064, 13.6400



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.



63.0980, -4.9783, 56.9191



65.1990, -7.9861, 88.4025



75.9660, -21.6752, 45.6338



59.3210, -0.1583, 4.1035



41.4640, -6.6378, 75.8921



0.0000, 0.0000, 0.0000

Inverse Universe

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



63.0980, -4.9783, 56.9191



65.1990, -7.9861, 88.4025



84.0340, 21.6752, -45.6338



59.3210, -0.1583, 4.1035



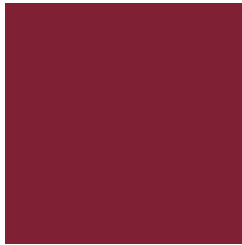
41.4640, -6.6378, 75.8921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 63.0980, -4.9783, 56.9191 looks on a white background.

Color Contrast Check

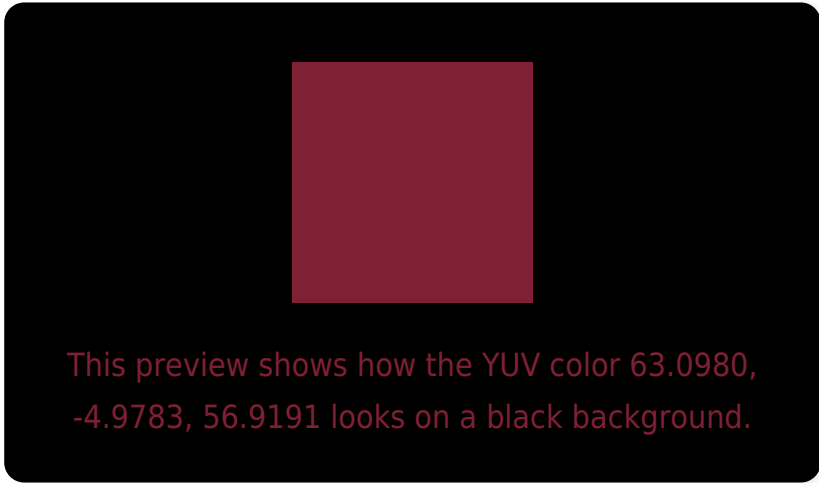
Large Text (above 18pt) WCAG AA ✓ Pass

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

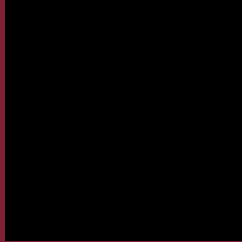
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0980, -4.9783, 56.9191

Background



This preview shows how black text looks on a background with the YUV color 63.0980, -4.9783, 56.9191.



This preview shows how white text looks on a background with the YUV color 63.0980, -4.9783,

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

63.0980, -4.9783, 56.9191

Protanopia

70.4130, 0.2894, 0.5148

Deuteranopia

69.9170, -10.8051, 12.3508



Tritanopia

62.7360, -12.6878, 56.3595

Trichromacy



Original Color

63.0980, -4.9783, 56.9191

Protanomaly

67.6760, -1.8123, 21.3321

Deuteranomaly

67.2980, -8.5279, 28.6797

Tritanomaly

62.8330, -9.7777, 56.2745

Monochromacy



Original Color

63.0980, -4.9783, 56.9191

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2630, -2.1017, 20.8173

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0980, -4.9783, 56.9191 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, 32, 53)` looks like.

```
.text, #text, p{  
    color:rgb(128, 32, 53)  
}
```

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, 32, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 32, 53) }
```

Border

The CSS property to change the border of an element to YUV 63.0980, -4.9783, 56.9191 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, 32, 53) }
```


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

```
.border{ border-color:rgb(128, 32, 53) }
```

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

Here you see how a box with a 4 pixel rgb(128, 32, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 32, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 32, 53);  
box-shadow:4px 4px 4px 4px rgb(128, 32,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 63.0980, -4.9783, 56.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 32, 53) }
```

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

```
.background{ background-color: rgb(128, 32,  
53) }
```

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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