

Converting Colors

YUV(58.0050, -0.4955, 65.7706)

Have a look what the booklet for
YUV(58.0050, -0.4955, 65.7706)
contains.

YUV(58.0050, -0.4955, 65.7706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(58.0050, -0.4955,
65.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	851439
RGB	133, 20, 57
RGB Percent	52%, 8%, 22%
CMY	0.4784, 0.9216, 0.7765
CMYK	0.00, 0.85, 0.57, 0.48
HSL	340°, 74%, 30%
HSV	340°, 85%, 52%
XYZ	10.6615, 5.7823, 4.4251
YIQ	58.0050, 55.4710, 35.4630

Conversions

Conversions Part 2

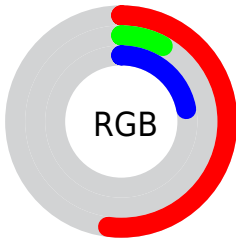
Format	Color
R_{YB}	133, 20, 57
Decimal	8721465
CIE Lab	28.86, 47.79, 8.58
CIE LCh	29, 48.554, 10.174
Yxy	5.7823, 0.5109, 0.2771
Android (android.graphics.Color)	4286911545 (0xFF851439)
YUV	58.0050, -0.4955, 65.7706
Hunter-Lab	24.0463, 37.0613, 5.9218

Details

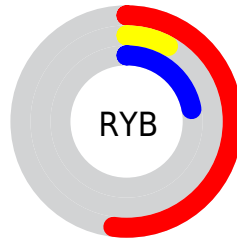
The YUV color **58.0050, -0.4955, 65.7706** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **94.9950, 0.4955, -65.7706**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7510, -5.3002, 66.8704**, and **24.6190, -5.2352, 45.9381** is the 20% darker color. If you saturate the color by 10%, you get **49.3480, -0.6646, 73.3628**, and if you desaturate by 10%, it is **66.6620, -0.3264, 58.1784**.

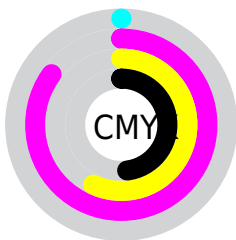
Distribution



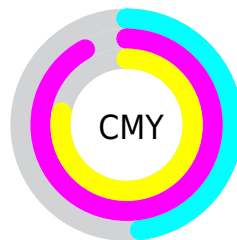
- Red (52%)
- Green (8%)
- Blue (22%)



- Red (52%)
- Yellow (8%)
- Blue (22%)



- Cyan (0%)
- Magenta (85%)
- Yellow (57%)
- Black (48%)




- Cyan (48%)
- Magenta (92%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0050, -0.4955, 65.7706 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 58.0050, -0.4955, 65.7706 by changing the saturation by 10% instead.


 58.0050, -0.4955,
65.7706


 58.0050, -0.4955,
65.7706


255.0000, 0.0000,
0.0000


 35.4990, 0.2470,
60.9524


 114.7510, -5.3002,
66.8704


 24.6190, -5.2352,
45.9381

 141.8330, -6.3267,
69.4295

 15.7760, -6.7916,
31.7684

 169.6160, -7.2057,
71.3738

 0.0000, 0.0000,
0.0000

 190.2120, -4.5415,
56.8191

 209.8400, -0.4141,
39.6053

 229.4680, 3.7133,

22.3916

248.5430, 3.1833,
5.6628

58.0050, -0.4955,
65.7706

58.0050, -0.4955,
65.7706

49.3480, -0.6646,
73.3628

66.6620, -0.3264,
58.1784

44.7830, -0.3860,
77.3663

75.9060, -0.4467,
50.0714

84.5630, -0.2776,
42.4792

93.2200, -0.1085,
34.8871

102.4640, -0.2288,
26.7801

■ 111.1210, -0.0597,
19.1879

■ 119.7780, 0.1094,
11.5957

■ 128.4350, 0.2785,
4.0035

■ 137.6790, 0.1583,
-4.1035

Harmonies

Analogous

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



63.9180, 14.8304, 50.0609



58.0050, -0.4955, 65.7706



61.4880, -19.9606, 55.7000

Triad

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



58.0050, -0.4955, 65.7706



54.7450, -26.9893, -23.4554



62.2190, 37.8530, -54.5661

Complementary

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



58.0050, -0.4955, 65.7706



94.9950, 0.4955, -65.7706

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.



62.5320, 26.3597, -54.8406



58.0050, -0.4955, 65.7706



53.3950, -6.1107, -46.8274

Square

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



58.0050, -0.4955, 65.7706



62.9170, -31.0181, 8.8428



58.4280, 10.6350, -51.2414



56.8050, 42.4941, -49.8180

Rectangle

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



58.0050, -0.4955, 65.7706



63.4250, -31.2685, 42.6003



58.4280, 10.6350, -51.2414



62.7090, 34.6535, -54.9958

Sweetspot

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



58.0050, -0.4955, 65.7706



144.4530, -0.2233, 25.0357



55.3070, 38.3026, 34.8108



69.6860, -0.3382, 15.1844



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



58.0050, -0.4955, 65.7706



58.2250, -0.6039, 100.6577



64.9400, -22.1554, 59.6886



62.0220, -0.0108, 3.4887



43.7720, -0.3806, 75.6220



1.0110, -0.0054, 1.7444

Inverse Universe

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



58.0050, -0.4955, 65.7706



58.2250, -0.6039, 100.6577



88.0600, 22.1554, -59.6886



62.0220, -0.0108, 3.4887



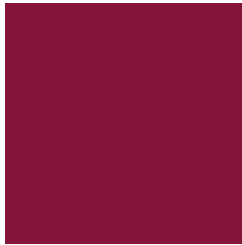
43.7720, -0.3806, 75.6220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 58.0050, -0.4955, 65.7706 looks on a white background.

Color Contrast Check

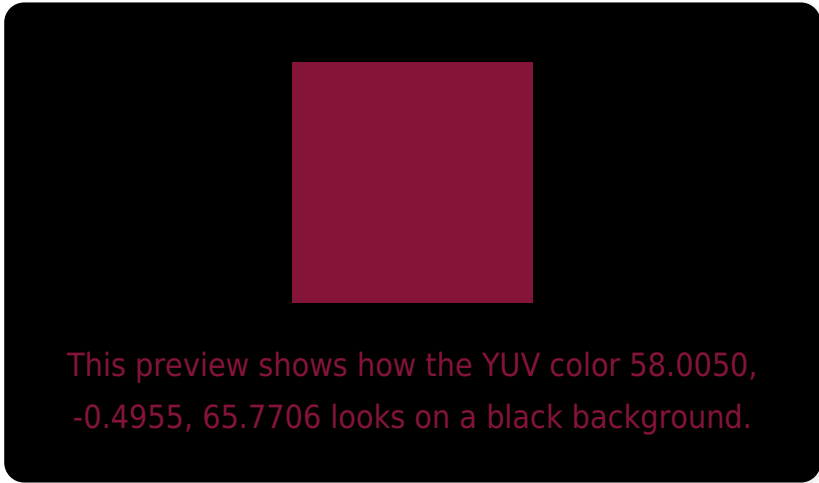
Large Text (above 18pt) WCAG AA ✓ Pass

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

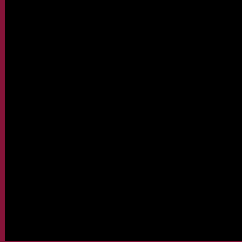
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0050, -0.4955, 65.7706

Background



This preview shows how black text looks on a background with the YUV color 58.0050, -0.4955, 65.7706.



This preview shows how white text looks on a background with the YUV color 58.0050, -0.4955,

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

58.0050, -0.4955, 65.7706

Protanopia

69.9550, 4.9522, -1.7145

Deuteranopia

70.0740, -8.9105, 11.3361



Tritanopia

59.2100, -14.8935, 63.8368

Trichromacy



Original Color

58.0050, -0.4955, 65.7706

Protanomaly

65.6530, 3.1291, 23.1063

Deuteranomaly

65.7050, -5.7706, 30.9537

Tritanomaly

58.5890, -9.6574, 64.3814

Monochromacy



Original Color

58.0050, -0.4955, 65.7706

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8550, 0.0715, 23.8062

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0050, -0.4955, 65.7706 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(133, 20, 57)` looks like.

```
.text, #text, p{  
    color:rgb(133, 20, 57)  
}
```

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(133, 20, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 20, 57) }
```

Border

The CSS property to change the border of an element to YUV 58.0050, -0.4955, 65.7706 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(133, 20, 57) }
```


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

```
.border{ border-color:rgb(133, 20, 57) }
```

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

Here you see how a box with a 4 pixel rgb(133, 20, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 20, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 20, 57);  
box-shadow:4px 4px 4px 4px rgb(133, 20,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 58.0050, -0.4955, 65.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 20, 57) }
```

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

```
.background{ background-color: rgb(133, 20,  
57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor