

Converting Colors

YUV(54.8800, 5.9752, 90.4362)

Have a look what the booklet for
YUV(54.8800, 5.9752, 90.4362)
contains.

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Color

**YUV(54.8800, 5.9752,
90.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0043
RGB	158, 0, 67
RGB Percent	62%, 0%, 26%
CMY	0.3804, 1.0000, 0.7373
CMYK	0.00, 1.00, 0.58, 0.38
HSL	335°, 100%, 31%
HSV	335°, 100%, 62%
XYZ	15.1137, 7.6743, 5.9949
YIQ	54.8800, 72.6610, 54.3330

Conversions

Conversions Part 2

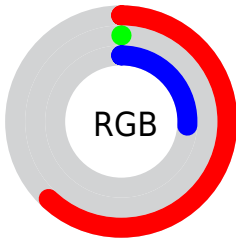
Format	Color
RYB	158, 0, 67
Decimal	10354755
CIELab	33.30, 58.40, 8.91
CIELCh	33, 59.078, 8.670
Yxy	7.6743, 0.5251, 0.2666
Android (android.graphics.Color)	4288544835 (0xFF9E0043)
YUV	54.8800, 5.9752, 90.4362
Hunter-Lab	27.7026, 48.9044, 6.5613

Details

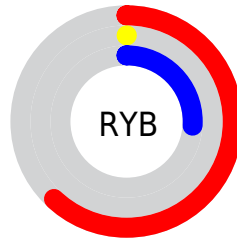
The YUV color **54.8800, 5.9752, 90.4362** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **103.1200, -5.9752, -90.4362**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9040, -3.8967, 83.3992**, and **32.4510, -3.6733, 58.3635** is the 20% darker color. If you saturate the color by 10%, you get **54.8800, 5.9752, 90.4362**, and if you desaturate by 10%, it is **65.2980, 5.2761, 81.2997**.

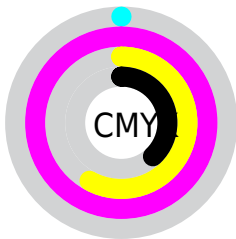
Distribution



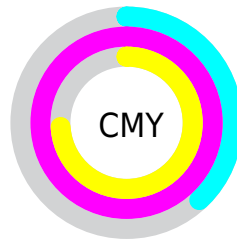
- Red (62%)
- Green (0%)
- Blue (26%)



- Red (62%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (38%)




- Cyan (38%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 54.8800, 5.9752, 90.4362 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 54.8800, 5.9752, 90.4362 by changing the saturation by 10% instead.


 54.8800, 5.9752,
90.4362

 54.8800, 5.9752,
90.4362


255.0000, 0.0000,
0.0000


 43.4020, 0.7878,
74.1924


 122.9040, -3.8967,
83.3992


 32.4510, -3.6733,
58.3635

 151.4590, -5.6493,
85.5435

 21.7560, -9.7397,
44.0640


 172.6530, -3.2799,
72.2183

 12.6720, -5.7543,
25.7207


 192.1670, 0.4107,
55.1045

 0.0000, 0.0000,
0.0000

 212.3820, 4.2487,
37.3760


 232.7110, 8.5235,

19.5475

 250.3040, 2.3151,
4.1184


 54.8800, 5.9752,
90.4362

 65.2980, 5.2761,
81.2997

 75.7160, 4.5770,
72.1631

 85.5470, 4.1673,
63.5413

 95.9650, 3.4683,
54.4047

 106.3830, 2.7692,
45.2681

■ 116.9150, 2.5069,
36.0315

■ 127.3330, 1.8078,
26.8950

■ 137.1640, 1.3981,
18.2732

■ 147.5820, 0.6991,
9.1366

Harmonies

Analogous

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



70.0150, 21.1916, 63.1308



54.8800, 5.9752, 90.4362



67.4900, -22.9196, 71.4843

Triad

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



54.8800, 5.9752, 90.4362



61.7890, -30.4620, -29.6330



72.9280, 45.8845, -63.9579

Complementary

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



54.8800, 5.9752, 90.4362



103.1200, -5.9752, -90.4362

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.



72.4430, 31.3336, -63.5325



54.8800, 5.9752, 90.4362



61.1400, -9.4360, -53.6198

Square

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



54.8800, 5.9752, 90.4362



72.9620, -35.9703, 10.5573



67.9000, 11.3883, -59.5483



66.5680, 51.9780, -58.3801

Rectangle

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



54.8800, 5.9752, 90.4362



72.0520, -35.5216, 53.4514



67.9000, 11.3883, -59.5483



73.8910, 41.9587, -64.8024

Sweetspot

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



54.8800, 5.9752, 90.4362



166.5020, 2.2175, 35.5167



44.9220, 55.7475, 39.5334



80.1860, 1.3873, 21.7619



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



54.8800, 5.9752, 90.4362



71.9250, 7.9250, 118.4608



53.6990, -26.4736, 91.4720



73.7340, 0.1311, 4.6183



49.7110, 5.5655, 81.8145



5.1690, 0.4097, 8.6218

Inverse Universe

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



54.8800, 5.9752, 90.4362



71.9250, 7.9250, 118.4608



104.3010, 26.4736, -91.4720



73.7340, 0.1311, 4.6183



49.7110, 5.5655, 81.8145



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 54.8800, 5.9752, 90.4362 looks on a white background.

Color Contrast Check

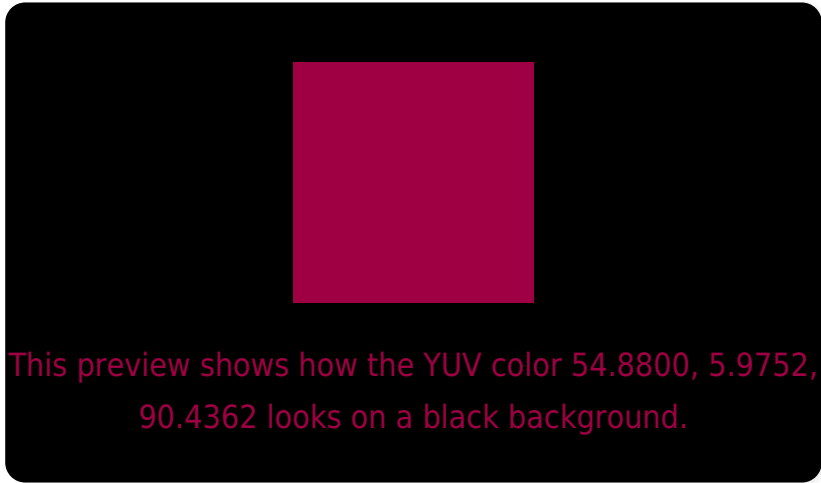
Large Text (above 18pt) WCAG AA ✓ Pass

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

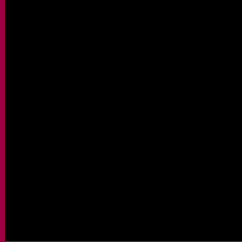
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8800, 5.9752, 90.4362

Background



This preview shows how black text looks on a background with the YUV color 54.8800, 5.9752, 90.4362.



This preview shows how white text looks on a background with the YUV color 54.8800, 5.9752,

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

54.8800, 5.9752, 90.4362

Protanopia

81.9270, 7.4310, -3.4440

Deuteranopia

81.3300, -10.5157, 12.8656



Tritanopia

65.4570, -19.4523, 79.4062

Trichromacy



Original Color

54.8800, 5.9752, 90.4362

Protanomaly

72.3210, 6.7437, 30.4135

Deuteranomaly

72.1130, -4.4927, 41.1199

Tritanomaly

61.5960, -10.1538, 83.6693

Monochromacy



Original Color

54.8800, 5.9752, 90.4362

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7790, 2.0810, 32.6428

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8800, 5.9752, 90.4362 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(158, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(158, 0, 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(158, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 67) }
```

Border

The CSS property to change the border of an element to YUV 54.8800, 5.9752, 90.4362 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(158, 0, 67) }
```


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

```
.border{ border-color:rgb(158, 0, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 0, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(158, 0, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.8800, 5.9752, 90.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 0, 67) }
```

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

```
.background{ background-color: rgb(158, 0,  
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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