

Converting Colors

YUV(53.9560, 0.5147, 68.4446)

Have a look what the booklet for
YUV(53.9560, 0.5147, 68.4446)
contains.

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Color

**YUV(53.9560, 0.5147,
68.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	840E37
RGB	132, 14, 55
RGB Percent	52%, 5%, 22%
CMY	0.4824, 0.9451, 0.7843
CMYK	0.00, 0.89, 0.58, 0.48
HSL	339°, 81%, 29%
HSV	339°, 89%, 52%
XYZ	10.3623, 5.4954, 4.1290
YIQ	53.9560, 57.1670, 37.7670

Conversions

Conversions Part 2

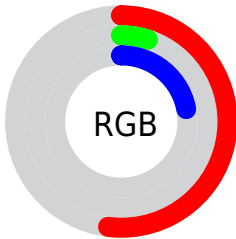
Format	Color
R_YB	132, 14, 55
Decimal	8654391
CIE Lab	28.10, 48.76, 8.84
CIE LCh	28, 49.560, 10.280
Yxy	5.4954, 0.5185, 0.2750
Android (android.graphics.Color)	4286844471 (0xFF840E37)
YUV	53.9560, 0.5147, 68.4446
Hunter-Lab	23.4424, 37.8791, 5.9667

Details

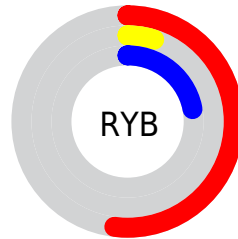
The YUV color **53.9560, 0.5147, 68.4446** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **92.0440, -0.5147, -68.4446**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.3490, -5.5951, 68.0999**, and **23.9780, -6.3982, 45.6233** is the 20% darker color. If you saturate the color by 10%, you get **45.2990, 0.3456, 76.0368**, and if you desaturate by 10%, it is **62.6130, 0.6838, 60.8524**.

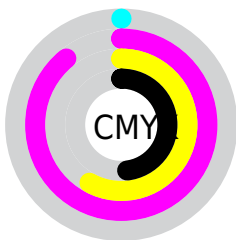
Distribution



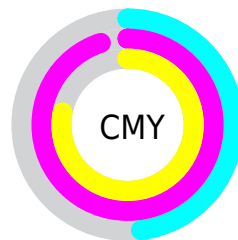
- Red (52%)
- Green (5%)
- Blue (22%)



- Red (52%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (89%)
- Yellow (58%)
- Black (48%)



- Cyan (48%)
- Magenta (95%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9560, 0.5147, 68.4446 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 53.9560, 0.5147, 68.4446 by changing the saturation by 10% instead.

■ 53.9560, 0.5147,
68.4446

■ 53.9560, 0.5147,
68.4446

255.0000, 0.0000,
0.0000

■ 34.9720, -0.4792,
60.5376

■ 112.3490, -5.5951,
68.0999

■ 23.9780, -6.3982,
45.6233

■ 139.4310, -6.6215,
70.6590

■ 15.1780, -6.4968,
30.5389

■ 167.2140, -7.5005,
72.6033


■ 0.0000, 0.0000,
0.0000

■ 188.2230, -4.5469,
58.5634

■ 207.7370, -0.8563,
41.4497

■ 227.4790, 3.7079,


24.1359


 246.7820, 4.0515,
7.2072


 53.9560, 0.5147,
68.4446

 53.9560, 0.5147,
68.4446

 45.2990, 0.3456,
76.0368

 62.6130, 0.6838,
60.8524

 44.7120, 0.6350,
76.5516

 71.1560, 0.4161,
53.3602

 80.4000, 0.2958,
45.2532

 88.9430, 0.0281,
37.7610

 97.6000, 0.1972,
30.1688

■ 106.2570, 0.3663,
22.5766

■ 114.8000, 0.0986,
15.0844

■ 124.0440, -0.0217,
6.9774

■ 132.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



61.1570, 15.6986, 51.6053



53.9560, 0.5147, 68.4446



59.0860, -20.2554, 56.9296

Triad

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



53.9560, 0.5147, 68.4446



52.3750, -25.8209, -24.8849



61.0450, 38.4318, -53.5365

Complementary

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



53.9560, 0.5147, 68.4446



92.0440, -0.5147, -68.4446

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.



61.2440, 26.5017, -53.7110



53.9560, 0.5147, 68.4446



51.9930, -6.4055, -45.5979

Square

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



53.9560, 0.5147, 68.4446



61.7320, -30.4339, 8.1280



57.7270, 10.4876, -50.6266



55.5170, 42.6361, -48.6884

Rectangle

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



53.9560, 0.5147, 68.4446



61.6530, -30.3949, 42.4003



57.7270, 10.4876, -50.6266



62.1220, 34.9429, -54.4810

Sweetspot

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



53.9560, 0.5147, 68.4446



140.5780, 0.2080, 26.6801



50.4750, 40.1918, 35.5404



68.5120, 0.2406, 16.2140



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.



53.9560, 0.5147, 68.4446



57.8550, 0.5645, 99.2282



59.8480, -22.6031, 63.2773



62.0220, -0.0108, 3.4887



44.0000, 0.4930, 75.4220



1.0110, -0.0054, 1.7444

Inverse Universe

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



53.9560, 0.5147, 68.4446



57.8550, 0.5645, 99.2282



86.1520, 22.6031, -63.2773



62.0220, -0.0108, 3.4887



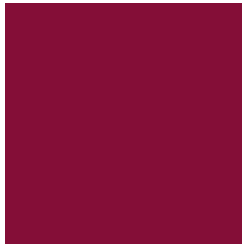
44.0000, 0.4930, 75.4220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 53.9560, 0.5147, 68.4446 looks on a white background.

Color Contrast Check

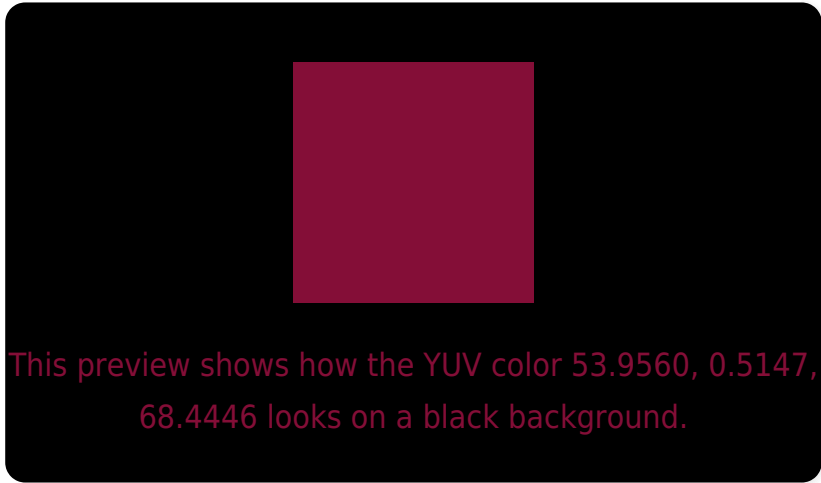
Large Text (above 18pt) WCAG AA ✓ Pass

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

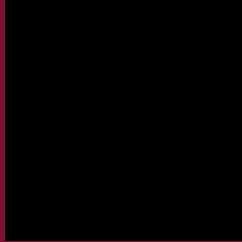
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.9560, 0.5147, 68.4446

Background



This preview shows how black text looks on a background with the YUV color 53.9560, 0.5147, 68.4446.



This preview shows how white text looks on a background with the YUV color 53.9560, 0.5147,

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

53.9560, 0.5147, 68.4446

Protanopia

68.9550, 4.9522, -1.7145

Deuteranopia

68.6610, -9.1999, 10.8213



Tritanopia

56.6940, -15.6251, 65.1664

Trichromacy



Original Color

53.9560, 0.5147, 68.4446

Protanomaly

63.3650, 3.2711, 24.2359

Deuteranomaly

63.4170, -5.6286, 32.0833

Tritanomaly

55.6000, -9.6628, 66.1258

Monochromacy



Original Color

53.9560, 0.5147, 68.4446

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.5670, 0.2135, 24.9357

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9560, 0.5147, 68.4446 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(132, 14, 55)` looks like.

```
.text, #text, p{  
    color:rgb(132, 14, 55)  
}
```

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(132, 14, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 14, 55) }
```

Border

The CSS property to change the border of an element to YUV 53.9560, 0.5147, 68.4446 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(132, 14, 55) }
```


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

```
.border{ border-color:rgb(132, 14, 55) }
```

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

Here you see how a box with a 4 pixel rgb(132, 14, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 14, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 14, 55);  
box-shadow:4px 4px 4px 4px rgb(132, 14,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 53.9560, 0.5147, 68.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 14, 55) }
```

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

```
.background{ background-color: rgb(132, 14,  
55) }
```

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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