

Converting Colors

YUV(54.2280, 48.2016, 33.1260)

Have a look what the booklet for
YUV(54.2280, 48.2016, 33.1260)
contains.

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Color

**YUV(54.2280, 48.2016,
33.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	5C1098
RGB	92, 16, 152
RGB Percent	36%, 6%, 60%
CMY	0.6392, 0.9373, 0.4039
CMYK	0.39, 0.89, 0.00, 0.40
HSL	274°, 81%, 33%
HSV	274°, 89%, 60%
XYZ	10.2664, 4.9129, 30.1129
YIQ	54.2280, 1.6400, 58.4080

Conversions

Conversions Part 2

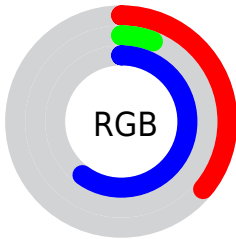
Format	Color
R _Y B	92, 16, 152
Decimal	6033560
CIE Lab	26.49, 54.99, -57.05
CIE LCh	26, 79.244, 313.947
Yxy	4.9129, 0.2267, 0.1085
Android (android.graphics.Color)	4284223640 (0xFF5C1098)
YUV	54.2280, 48.2016, 33.1260
Hunter-Lab	22.1650, 43.8889, -65.0346

Details

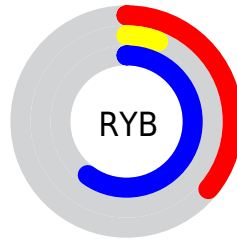
The YUV color **54.2280, 48.2016, 33.1260** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **113.7720, -48.2016, -33.1260**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7010, 47.4754, 32.7112**, and **21.5660, 38.6680, 10.9046** is the 20% darker color. If you saturate the color by 10%, you get **43.3300, 53.5743, 36.5446**, and if you desaturate by 10%, it is **65.1260, 42.8289, 29.7075**.

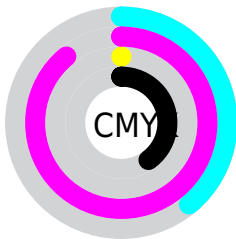
Distribution



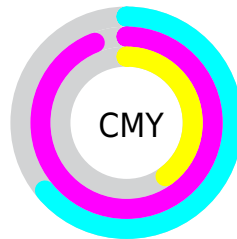
- Red (36%)
- Green (6%)
- Blue (60%)



- Red (36%)
- Yellow (6%)
- Blue (60%)



- Cyan (39%)
- Magenta (89%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (94%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.2280, 48.2016, 33.1260 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 54.2280, 48.2016, 33.1260 by changing the saturation by 10% instead.

■ 54.2280, 48.2016,
33.1260

■ 54.2280, 48.2016,
33.1260

■ 255.0000, 0.0000,
0.0000

■ 33.3860, 45.1657,
26.8485

■ 110.7010, 47.4754,
32.7112

■ 21.5660, 38.6680,
10.9046

■ 138.5270, 48.0542,
33.7408

■ 8.5500, 32.7599,
-7.4984

■ 164.6260, 44.5544,
36.2850

■ 8.1620, 21.1191,
-7.1581

■ 189.1460, 32.4660,
40.2140


■ 4.4800, 12.0884,
-3.9290


■ 211.5620, 21.4149,
38.0951


■ 0.0000, 0.0000,
0.0000


■ 227.9980, 13.3120,


23.6808


 245.0210, 4.9196,
8.7516


 54.2280, 48.2016,
33.1260


 54.2280, 48.2016,
33.1260


 43.3300, 53.5743,
36.5446


 65.1260, 42.8289,
29.7075

 42.7430, 53.8637,
37.0594

 75.7250, 37.6036,
25.6742

 87.2100, 31.9415,
21.7408

 98.1080, 26.5688,
18.3223

 109.0060, 21.1960,
14.9037

■ 119.6050, 15.9707,
10.8704

■ 130.5030, 10.5980,
7.4519

■ 141.9880, 4.9359,
3.5185

■ 152.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



57.9570, 62.1392, -50.8283



54.2280, 48.2016, 33.1260



55.4240, 20.9900, 81.1892

Triad

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



54.2280, 48.2016, 33.1260



58.3860, -28.7843, 39.1265



59.6820, 15.4398, -52.3411

Complementary

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



54.2280, 48.2016, 33.1260



113.7720, -48.2016, -33.1260

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.



50.9840, -12.8101, -44.7130



54.2280, 48.2016, 33.1260



55.7520, -27.4857, -4.1675

Square

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



54.2280, 48.2016, 33.1260



42.1590, -20.7844, 86.6836



45.7860, -22.5725, -40.1543



66.1800, 40.3373, -58.0399

Rectangle

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



54.2280, 48.2016, 33.1260



54.1530, 1.8966, 91.9508



45.7860, -22.5725, -40.1543



56.7010, 6.5564, -49.7268

Sweetspot

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



54.2280, 48.2016, 33.1260



158.0120, 18.7281, 13.1445



67.3110, 41.7517, -44.9997



76.6170, 11.0348, 7.3519



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



54.2280, 48.2016, 33.1260



55.2340, 69.3976, 48.0298



71.3700, 36.2996, 70.7125



71.1080, 2.9048, 1.6593



39.2820, 49.6540, 33.9557



3.5750, 4.6465, 3.0037

Inverse Universe

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



63.5040, 6.1605, 77.6110



68.5220, 9.1097, 111.7982



96.6300, -36.2996, -70.7125



71.7340, 0.1311, 4.6183



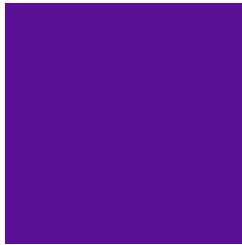
48.9280, 6.4445, 79.8701



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 54.2280, 48.2016, 33.1260 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



This preview shows how the YUV color 54.2280, 48.2016, 33.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

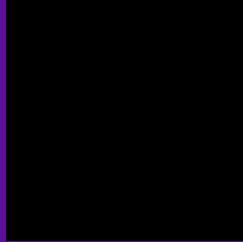
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.2280, 48.2016, 33.1260

Background



This preview shows how black text looks on a background with the YUV color 54.2280, 48.2016, 33.1260.



This preview shows how white text looks on a background with the YUV color 54.2280, 48.2016,

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

54.2280, 48.2016, 33.1260

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.6240, 30.2584, -45.2742



Tritanopia

65.3430, -0.1691, 7.5922

Trichromacy



Original Color

54.2280, 48.2016, 33.1260

Protanomaly

52.1280, 42.8279, -16.7753

Deuteranomaly

52.5210, 36.7181, -17.1199

Tritanomaly

61.6920, 17.4068, 16.9331

Monochromacy



Original Color

54.2280, 48.2016, 33.1260

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0720, 17.7125, 12.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.2280, 48.2016, 33.1260 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(92, 16, 152)` looks like.

```
.text, #text, p{  
    color:rgb(92, 16, 152)  
}
```

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(92, 16, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 16, 152) }
```

Border

The CSS property to change the border of an element to YUV 54.2280, 48.2016, 33.1260 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(92, 16, 152) }
```


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

```
.border{ border-color:rgb(92, 16, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 16, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 16, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 16, 152);  
box-shadow:4px 4px 4px 4px rgb(92, 16,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 54.2280, 48.2016, 33.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 16, 152) }
```

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

```
.background{ background-color: rgb(92, 16,  
152) }
```

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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