

Converting Colors

YUV(54.5940, -10.6458,
54.7301)

Have a look what the booklet for
YUV(54.5940, -10.6458, 54.7301)
contains.

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Color

**YUV(54.5940, -10.6458,
54.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	751B21
RGB	117, 27, 33
RGB Percent	46%, 11%, 13%
CMY	0.5412, 0.8941, 0.8706
CMYK	0.00, 0.77, 0.72, 0.54
HSL	356°, 62%, 28%
HSV	356°, 77%, 46%
XYZ	8.0026, 4.6756, 1.9195
YIQ	54.5940, 51.7140, 20.9460

Conversions

Conversions Part 2

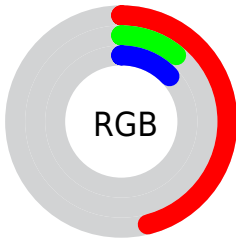
Format	Color
R_{YB}	117, 27, 33
Decimal	7674657
CIE Lab	25.79, 39.02, 20.00
CIE LCh	26, 43.844, 27.138
Yxy	4.6756, 0.5482, 0.3203
Android (android.graphics.Color)	4285864737 (0xFF751B21)
YUV	54.5940, -10.6458, 54.7301
Hunter-Lab	21.6231, 28.2213, 9.8728

Details

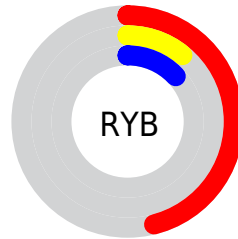
The YUV color **54.5940, -10.6458, 54.7301** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **89.4060, 10.6458, -54.7301**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1770, -14.8773, 58.6038**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **46.2960, -11.9779, 62.0074**, and if you desaturate by 10%, it is **62.8920, -9.3138, 47.4527**.

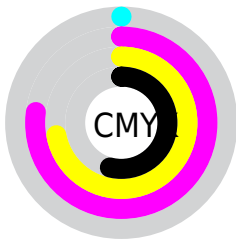
Distribution



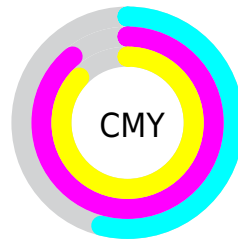
- Red (46%)
- Green (11%)
- Blue (13%)



- Red (46%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (77%)
- Yellow (72%)
- Black (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5940, -10.6458, 54.7301 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 54.5940, -10.6458, 54.7301 by changing the saturation by 10% instead.

■ 54.5940, -10.6458,
54.7301

■ 54.5940, -10.6458,
54.7301

255.0000, 0.0000,
0.0000

■ 27.8650, -8.3144,
53.6154

■ 107.1770,
-14.8773, 58.6038

■ 18.5380, -9.1392,
38.1162

■ 133.5580,
-16.0511, 61.7776

■ 10.5790, -4.7224,
21.4172

■ 161.2270,
-17.3669, 63.8219

■ 0.0000, 0.0000,
0.0000

■ 185.7320,
-16.6299, 60.7480

■ 205.2460,
-12.9393, 43.6343

■ 224.7600, -9.2487,

26.5205

244.9750, -5.4107,
8.7919

54.5940, -10.6458,
54.7301

54.5940, -10.6458,
54.7301

46.2960, -11.9779,
62.0074

62.8920, -9.3138,
47.4527

38.5850, -13.5994,
68.7700

70.6030, -7.6923,
40.6902

35.8950, -13.7522,
71.1291

78.9010, -6.3602,
33.4128

87.1990, -5.0281,
26.1355

95.4970, -3.6960,
18.8581

■ 103.2080, -2.0745,
12.0956

■ 111.3920, -1.1793,
4.9182

■ 119.6900, 0.1528,
-2.3591

■ 127.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



54.8340, 5.5048, 54.5196



54.5940, -10.6458, 54.7301



56.6250, -27.9161, 40.6709

Triad

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



54.5940, -10.6458, 54.7301



45.3590, -11.5160, -39.7798



53.3340, 36.8103, -46.7739

Complementary

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



54.5940, -10.6458, 54.7301



89.4060, 10.6458, -54.7301

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.



56.1890, 29.9798, -49.2778



54.5940, -10.6458, 54.7301



50.5230, 3.1932, -44.3087

Square

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



54.5940, -10.6458, 54.7301



53.6700, -26.4593, -6.7266



54.9860, 17.7549, -48.2227



60.7410, 29.7077, -8.5429

Rectangle

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



54.5940, -10.6458, 54.7301



57.7110, -28.4515, 25.6865



54.9860, 17.7549, -48.2227



54.8670, 35.0686, -48.1184

Sweetspot

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



54.5940, -10.6458, 54.7301



128.6930, -4.2856, 21.3172



62.3760, 26.9296, 42.6432



61.8060, -2.3694, 13.3251



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



54.5940, -10.6458, 54.7301



55.2990, -16.4164, 85.6838



76.8030, -24.5529, 35.2528



54.7940, -0.8844, 3.6887



37.3900, -14.4893, 74.2030



76.6880, -29.4262, 151.9946

Inverse Universe

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



54.5940, -10.6458, 54.7301



55.2990, -16.4164, 85.6838



67.1970, 24.5529, -35.2528



54.7940, -0.8844, 3.6887



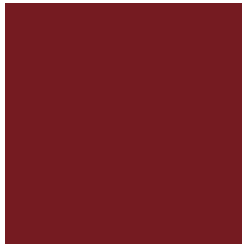
37.3900, -14.4893, 74.2030



76.6880, -29.4262, 151.9946

Previews

White Background



This preview shows how the YUV color 54.5940, -10.6458, 54.7301 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

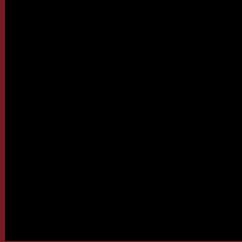
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.5940, -10.6458, 54.7301

Background



This preview shows how black text looks on a background with the YUV color 54.5940, -10.6458, 54.7301.

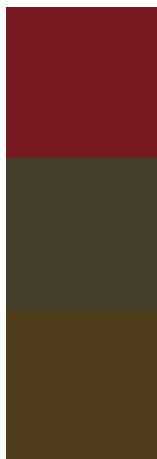


This preview shows how white text looks on a background with the YUV color 54.5940, -10.6458,

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

54.5940, -10.6458, 54.7301

Protanopia

62.4430, -8.5994, 4.8735

Deuteranopia

61.7340, -16.6309, 14.2653



Tritanopia

54.6110, -13.1192, 54.7152

Trichromacy



Original Color

54.5940, -10.6458, 54.7301

Protanomaly

59.7380, -9.2378, 23.0318

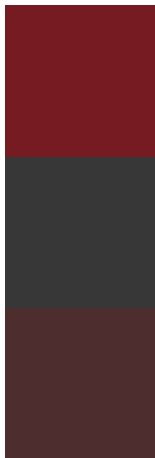
Deuteranomaly

59.1040, -14.3483, 28.8498

Tritanomaly

54.8390, -12.2456, 54.5152

Monochromacy



Original Color

54.5940, -10.6458, 54.7301

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0950, -3.9908, 20.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5940, -10.6458, 54.7301 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(117, 27, 33)` looks like.

```
.text, #text, p{  
    color:rgb(117, 27, 33)  
}
```

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(117, 27, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 27, 33) }
```

Border

The CSS property to change the border of an element to YUV 54.5940, -10.6458, 54.7301 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(117, 27, 33) }
```


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

```
.border{ border-color:rgb(117, 27, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 27, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 27, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 27, 33);  
box-shadow:4px 4px 4px 4px rgb(117, 27,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 54.5940, -10.6458, 54.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 27, 33) }
```

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

```
.background{ background-color: rgb(117, 27,  
33) }
```

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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