

Converting Colors

YUV(54.7750, -11.7211,
72.9883)

Have a look what the booklet for
YUV(54.7750, -11.7211, 72.9883)
contains.

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Color

**YUV(54.7750, -11.7211,
72.9883)**

Conversions

Conversions Part 1

Format	Color
Hex	8A111F
RGB	138, 17, 31
RGB Percent	54%, 7%, 12%
CMY	0.4588, 0.9333, 0.8784
CMYK	0.00, 0.88, 0.78, 0.46
HSL	353°, 78%, 30%
HSV	353°, 88%, 54%
XYZ	10.9290, 5.9031, 1.8597
YIQ	54.7750, 67.6220, 30.0060

Conversions

Conversions Part 2

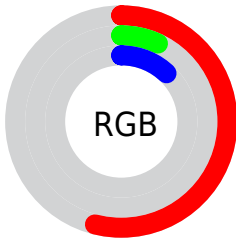
Format	Color
R_{YB}	138, 17, 31
Decimal	9048351
CIE Lab	29.17, 48.45, 26.37
CIE LCh	29, 55.163, 28.554
Yxy	5.9031, 0.5847, 0.3158
Android (android.graphics.Color)	4287238431 (0xFF8A111F)
YUV	54.7750, -11.7211, 72.9883
Hunter-Lab	24.2963, 37.7747, 12.4692

Details

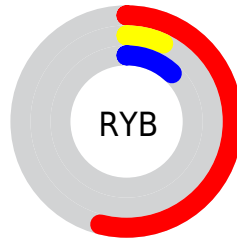
The YUV color **54.7750, -11.7211, 72.9883** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **100.2250, 11.7211, -72.9883**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.3640, -18.4205, 75.1028**, and **23.9200, -11.7926, 49.1822** is the 20% darker color. If you saturate the color by 10%, you get **45.1890, -12.9112, 81.3952**, and if you desaturate by 10%, it is **64.3610, -10.5310, 64.5814**.

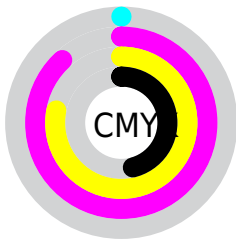
Distribution



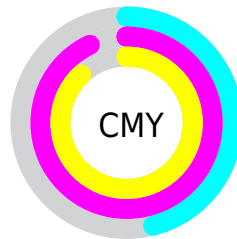
- Red (54%)
- Green (7%)
- Blue (12%)



- Red (54%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (88%)
- Yellow (78%)
- Black (46%)



- Cyan (46%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7750, -11.7211, 72.9883 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 54.7750, -11.7211, 72.9883 by changing the saturation by 10% instead.

■ 54.7750, -11.7211,
72.9883

■ 54.7750, -11.7211,
72.9883

255.0000, 0.0000,
0.0000

■ 33.6170, -12.1362,
66.1109

■ 112.3640,
-18.4205, 75.1028

■ 23.9200, -11.7926,
49.1822

■ 140.2180,
-20.3205, 77.8618

■ 16.3740, -7.0864,
32.9980

■ 166.6910,
-21.0467, 77.4470

■ 1.4950, -0.7370,
3.0739

■ 186.0910,
-17.7929, 60.4332

■ 0.0000, 0.0000,
0.0000

■ 205.4910,
-14.5391, 43.4194

■ 225.1190,

-10.4117, 26.2056

■ 245.3340, -6.5737,
8.4771

■ 54.7750, -11.7211,
72.9883

■ 54.7750, -11.7211,
72.9883

■ 45.1890, -12.9112,
81.3952

■ 64.3610, -10.5310,
64.5814

■ 43.0860, -13.3534,
83.2396

■ 73.9470, -9.3409,
56.1745

■ 83.0600, -7.4246,
48.1824

■ 92.6460, -6.2345,
39.7755

■ 102.2320, -5.0444,
31.3685

■ 111.8180, -3.8543,
22.9616

■ 121.4040, -2.6642,
14.5547

■ 130.5170, -0.7479,
6.5626

■ 140.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



49.8830, 11.3967, 78.1556



54.7750, -11.7211, 72.9883



63.1700, -31.1428, 48.9629

Triad

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



54.7750, -11.7211, 72.9883



51.4740, -16.0097, -45.1427



61.6950, 45.9994, -54.1065

Complementary

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



54.7750, -11.7211, 72.9883



100.2250, 11.7211, -72.9883

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.



65.4960, 37.7165, -57.4400



54.7750, -11.7211, 72.9883



57.8920, 3.5042, -50.7713

Square

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



54.7750, -11.7211, 72.9883



59.2410, -29.2058, -12.4894



62.9080, 22.7234, -55.1703



67.0210, 38.4436, -10.5424

Rectangle

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



54.7750, -11.7211, 72.9883



65.4080, -32.2461, 29.4602



62.9080, 22.7234, -55.1703



63.9290, 44.4050, -56.0657

Sweetspot

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



54.7750, -11.7211, 72.9883



146.6230, -4.7441, 28.3946



62.7870, 37.0800, 53.6838



70.4150, -2.6696, 16.2990



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



54.7750, -11.7211, 72.9883



55.9150, -17.2131, 107.9455



80.1810, -31.1482, 50.7073



64.2070, -0.5951, 4.2035



41.4770, -13.0532, 80.2657



1.6090, -0.3002, 2.9739

Inverse Universe

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



54.7750, -11.7211, 72.9883



55.9150, -17.2131, 107.9455



74.8190, 31.1482, -50.7073



64.2070, -0.5951, 4.2035



41.4770, -13.0532, 80.2657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 54.7750, -11.7211, 72.9883 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 54.7750, -11.7211, 72.9883

Background



This preview shows how black text looks on a background with the YUV color 54.7750, -11.7211, 72.9883.

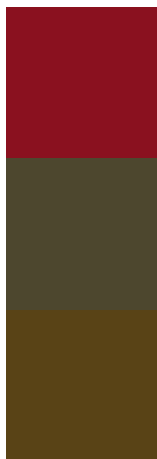


This preview shows how white text looks on a background with the YUV color 54.7750, -11.7211,

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

54.7750, -11.7211, 72.9883

Protanopia

69.9440, -11.8044, 6.1881

Deuteranopia

68.4480, -22.8989, 18.0241



Tritanopia

55.0540, -18.2676, 72.7436

Trichromacy



Original Color

54.7750, -11.7211, 72.9883

Protanomaly

64.2120, -11.4435, 30.5091

Deuteranomaly

63.6060, -19.0328, 38.0565

Tritanomaly

55.0370, -15.7942, 72.7586

Monochromacy



Original Color

54.7750, -11.7211, 72.9883

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7260, -4.3019, 26.5503

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7750, -11.7211, 72.9883 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(138, 17, 31)` looks like.

```
.text, #text, p{  
  color:rgb(138, 17, 31)  
}
```

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(138, 17, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 17, 31) }
```

Border

The CSS property to change the border of an element to YUV 54.7750, -11.7211, 72.9883 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(138, 17, 31) }
```


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

```
.border{ border-color:rgb(138, 17, 31) }
```

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

Here you see how a box with a 4 pixel rgb(138, 17, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 17, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 17, 31);  
box-shadow:4px 4px 4px 4px rgb(138, 17,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 54.7750, -11.7211, 72.9883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 17, 31) }
```

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

```
.background{ background-color: rgb(138, 17,  
31) }
```

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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