

Converting Colors

YUV(54.9200, -11.7926,
49.1822)

Have a look what the booklet for
YUV(54.9200, -11.7926, 49.1822)
contains.

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Color

**YUV(54.9200, -11.7926,
49.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1F1F
RGB	111, 31, 31
RGB Percent	44%, 12%, 12%
CMY	0.5647, 0.8784, 0.8784
CMYK	0.00, 0.72, 0.72, 0.56
HSL	0°, 56%, 28%
HSV	0°, 72%, 44%
XYZ	7.2929, 4.4584, 1.7725
YIQ	54.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

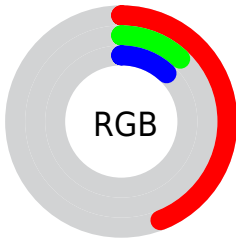
Format	Color
RYB	111, 31, 31
Decimal	7282463
CIELab	25.13, 35.17, 20.23
CIElCh	25, 40.574, 29.907
Yxy	4.4584, 0.5393, 0.3297
Android (android.graphics.Color)	4285472543 (0xFF6F1F1F)
YUV	54.9200, -11.7926, 49.1822
Hunter-Lab	21.1149, 24.7006, 9.8033

Details

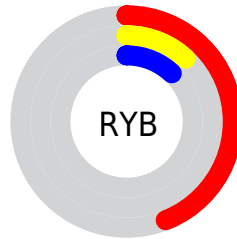
The YUV color **54.9200, -11.7926, 49.1822** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **87.0800, 11.7926, -49.1822**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3290, -15.4452, 54.0855**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **47.2090, -13.4140, 55.9447**, and if you desaturate by 10%, it is **62.6310, -10.1711, 42.4196**.

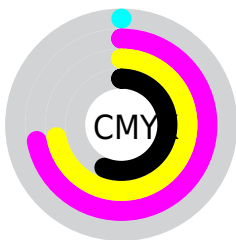
Distribution



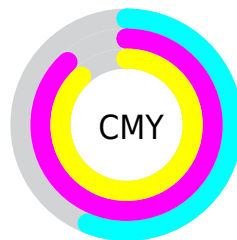
- Red (44%)
- Green (12%)
- Blue (12%)



- Red (44%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (72%)
- Yellow (72%)
- Black (56%)



- Cyan (56%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.9200, -11.7926, 49.1822 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 54.9200, -11.7926, 49.1822 by changing the saturation by 10% instead.

■ 54.9200, -11.7926,
49.1822

■ 54.9200, -11.7926,
49.1822

■ 255.0000, 0.0000,
0.0000

■ 27.2020, -9.4666,
49.8118

■ 106.3290,
-15.4452, 54.0855

■ 17.0430, -8.4022,
35.0423

■ 132.4110,
-16.4716, 56.6446

■ 8.1870, -3.5432,
16.4990

■ 159.1940,
-17.3506, 58.5889

■ 0.0000, 0.0000,
0.0000

■ 186.6780,
-18.0823, 59.9184

■ 205.4910,
-14.5391, 43.4194

■ 225.7060,

-10.7011, 25.6908

■ 245.3340, -6.5737,
8.4771

■ 54.9200, -11.7926,
49.1822

■ 54.9200, -11.7926,
49.1822

■ 47.2090, -13.4140,
55.9447

■ 62.6310, -10.1711,
42.4196

■ 39.4980, -15.0355,
62.7073

■ 70.3420, -8.5496,
35.6571

■ 33.1890, -16.3622,
68.2402

■ 78.0530, -6.9281,
28.8945

■ 85.7640, -5.3067,
22.1320

■ 94.1760, -3.5378,
14.7546

■ 101.8870, -1.9163,
7.9921

■ 109.5980, -0.2948,
1.2296

■ 117.3090, 1.3267,
-5.5330

■ 125.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



55.1170, 2.9003, 49.8864



54.9200, -11.7926, 49.1822



56.1190, -27.1737, 35.8526

Triad

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



54.9200, -11.7926, 49.1822



44.7550, -8.7532, -39.2501



50.7750, 34.6209, -44.5297

Complementary

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



54.9200, -11.7926, 49.1822



87.0800, 11.7926, -49.1822

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.



53.9720, 29.1008, -47.3334



54.9200, -11.7926, 49.1822



49.5770, 4.6455, -43.4790

Square

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



54.9200, -11.7926, 49.1822



52.1860, -25.7277, -8.0561



52.9970, 17.7495, -46.4784



59.8620, 26.1970, -2.5100

Rectangle

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



54.9200, -11.7926, 49.1822



56.2160, -27.7145, 22.6126



52.9970, 17.7495, -46.4784



52.4220, 33.3160, -45.9741

Sweetspot

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



54.9200, -11.7926, 49.1822



122.5680, -4.7170, 19.6729



64.0400, 23.1513, 41.1839



60.6810, -2.8007, 11.6808



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



54.9200, -11.7926, 49.1822



57.3750, -18.4259, 76.8471



78.4000, -23.3682, 28.5902



51.7940, -0.8844, 3.6887



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



87.0800, 11.7926, -49.1822



107.6250, 18.4259, -76.8471



63.6000, 23.3682, -28.5902



54.2060, 0.8844, -3.6887



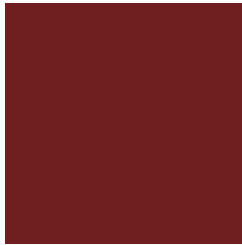
84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 54.9200, -11.7926, 49.1822 looks on a white background.

Color Contrast Check

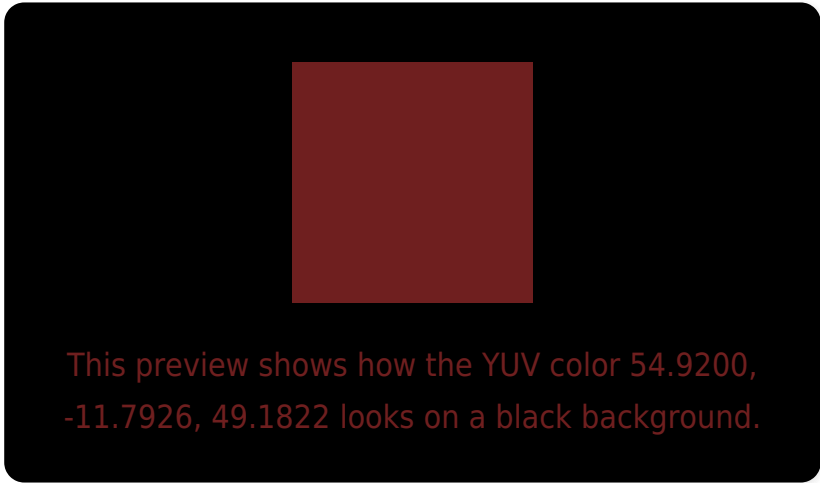
Large Text (above 18pt) WCAG AA ✓ Pass

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

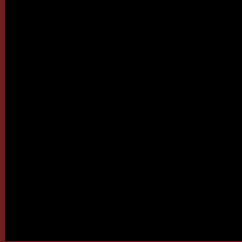
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.9200, -11.7926, 49.1822

Background



This preview shows how black text looks on a background with the YUV color 54.9200, -11.7926, 49.1822.



This preview shows how white text looks on a background with the YUV color 54.9200, -11.7926,

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

54.9200, -11.7926, 49.1822

Protanopia

60.2150, -9.4730, 5.0734

Deuteranopia

59.7340, -16.6309, 14.2653



Tritanopia

55.0340, -11.3558, 49.0822

Trichromacy



Original Color

54.9200, -11.7926, 49.1822

Protanomaly

58.0860, -10.3954, 20.9726

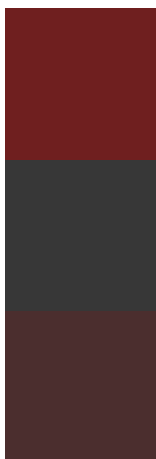
Deuteranomaly

57.9790, -14.7796, 27.2054

Tritanomaly

55.0340, -11.3558, 49.0822

Monochromacy



Original Color

54.9200, -11.7926, 49.1822

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6710, -4.2748, 17.8285

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.9200, -11.7926, 49.1822 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(111, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(111, 31, 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(111, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 31, 31) }
```

Border

The CSS property to change the border of an element to YUV 54.9200, -11.7926, 49.1822 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(111, 31, 31) }
```


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

```
.border{ border-color:rgb(111, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(111, 31,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 54.9200, -11.7926, 49.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 31, 31) }
```

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

```
.background{ background-color: rgb(111, 31,  
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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