

Converting Colors

YUV(54.7160, -25.9890,
29.1901)

Have a look what the booklet for
YUV(54.7160, -25.9890, 29.1901)
contains.

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Color

**YUV(54.7160, -25.9890,
29.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	583002
RGB	88, 48, 2
RGB Percent	35%, 19%, 1%
CMY	0.6549, 0.8118, 0.9922
CMYK	0.00, 0.45, 0.98, 0.65
HSL	32°, 96%, 18%
HSV	32°, 98%, 35%
XYZ	5.0924, 4.1930, 0.5984
YIQ	54.7160, 38.6060, -5.8260

Conversions

Conversions Part 2

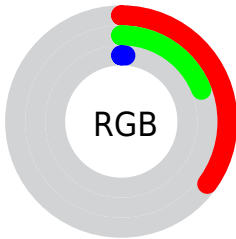
Format	Color
RYB	77, 88, 2
Decimal	5779458
CIELab	24.30, 14.79, 33.34
CIELCh	24, 36.470, 66.076
Yxy	4.1930, 0.5152, 0.4242
Android (android.graphics.Color)	4283969538 (0xFF583002)
YUV	54.7160, -25.9890, 29.1901
Hunter-Lab	20.4768, 8.5571, 12.6012

Details

The YUV color **54.7160, -25.9890, 29.1901** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **35.2840, 25.9890, -29.1901**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.2220, -26.7314, 34.0083**, and **13.1230, -6.4696, 21.8171** is the 20% darker color. If you saturate the color by 10%, you get **53.9010, -26.5732, 29.9048**, and if you desaturate by 10%, it is **58.0900, -23.2154, 26.2311**.

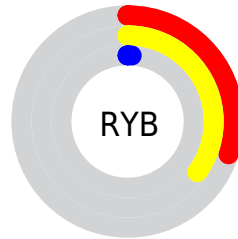
Distribution



Red (35%)

Green (19%)

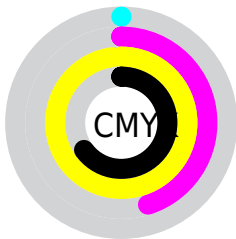
Blue (1%)



Red (30%)

Yellow (35%)

Blue (1%)

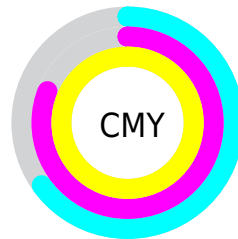


Cyan (0%)

Magenta (45%)

Yellow (98%)

Black (65%)



Cyan (65%)


Magenta (81%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 54.7160, -25.9890, 29.1901 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 54.7160, -25.9890, 29.1901 by changing the saturation by 10% instead.


 54.7160, -25.9890,
29.1901


 54.7160, -25.9890,
29.1901


 252.2640,
-10.4832, 2.3995

 34.3870, -16.9528,
24.2166


 103.2220,
-26.7314, 34.0083

 13.1230, -6.4696,
21.8171

 129.0050,
-27.6105, 35.9526

 0.0000, 0.0000,
0.0000

 155.6740,
-28.9263, 37.9969

 182.4570,
-29.8053, 39.9412

 209.9300,
-30.5315, 39.5264

 229.4440,

-26.8409, 22.4126

■ 249.0720,
-22.7135, 5.1989

■ 54.7160, -25.9890,
29.1901

■ 54.7160, -25.9890,
29.1901

■ 53.9010, -26.5732,
29.9048

■ 58.0900, -23.2154,
26.2311

■ 61.4640, -20.4418,
23.2721

■ 64.7240, -18.1049,
20.4131

■ 68.0980, -15.3313,
17.4541

■ 71.4720, -12.5577,
14.4951

■ 75.4330, -10.0735,
11.0213

■ 78.8070, -7.2999,
8.0623

■ 82.0670, -4.9630,
5.2032

■ 85.4410, -2.1894,
2.2442

Harmonies

Analogous

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



55.0070, -13.8075, 42.0899



54.7160, -25.9890, 29.1901



53.7800, -26.5135, 10.7169

Triad

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



54.7160, -25.9890, 29.1901



48.2720, 7.2609, -42.3345



59.2390, 21.0812, 5.0524

Complementary

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



54.7160, -25.9890, 29.1901



35.2840, 25.9890, -29.1901

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.



47.5150, 32.2841, -41.6707



54.7160, -25.9890, 29.1901



51.2360, 18.6177, -44.9340

Square

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



54.7160, -25.9890, 29.1901



44.3790, -5.1168, -38.9204



51.0540, 28.0744, -44.7744



58.1840, 11.2483, 32.2876

Rectangle

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



54.7160, -25.9890, 29.1901



51.0340, -25.1598, -3.5378



51.0540, 28.0744, -44.7744



57.6720, 24.3187, -6.7283

Sweetspot

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



54.7160, -25.9890, 29.1901



101.7320, -10.2209, 11.6360



32.2740, 4.7949, 48.8717



50.7360, -6.2788, 7.2475



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



54.7160, -25.9890, 29.1901



70.1920, -34.6047, 39.2966



77.2990, -37.1224, 6.7538



41.3700, -1.1684, 1.4295



65.4520, -32.2678, 36.4376



143.6400, -70.8145, 80.1227

Inverse Universe

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



35.2840, 25.9890, -29.1901



44.2210, 34.8940, -38.7818



12.7010, 37.1224, -6.7538



40.6300, 1.1684, -1.4295



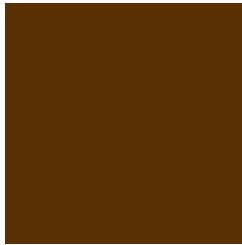
41.5480, 32.2678, -36.4376



90.7730, 71.1039, -79.6079

Previews

White Background



This preview shows how the YUV color 54.7160, -25.9890, 29.1901 looks on a white background.

Color Contrast Check

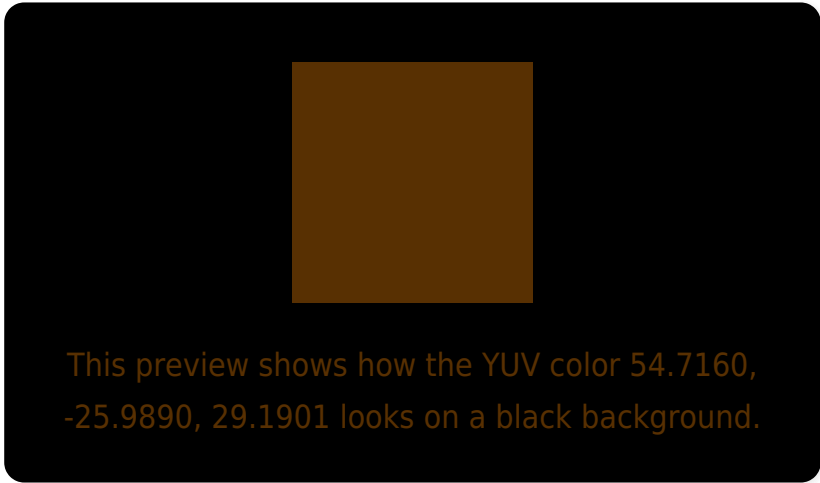
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7160, -25.9890, 29.1901

Background



This preview shows how black text looks on a background with the YUV color 54.7160, -25.9890, 29.1901.



This preview shows how white text looks on a background with the YUV color 54.7160, -25.9890,

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

54.7160, -25.9890, 29.1901

Protanopia

55.1650, -23.7453, 9.5023

Deuteranopia

54.9980, -27.1140, 16.6648



Tritanopia

58.7970, -5.3229, 27.3650

Trichromacy



Original Color

54.7160, -25.9890, 29.1901

Protanomaly

54.9810, -24.6406, 16.6797

Deuteranomaly

54.8460, -26.5461, 21.1831

Tritanomaly

57.1470, -12.8905, 27.9351

Monochromacy



Original Color

54.7160, -25.9890, 29.1901

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6610, -9.1999, 10.8213

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7160, -25.9890, 29.1901 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(88, 48, 2)` looks like.

```
.text, #text, p{  
    color:rgb(88, 48, 2)  
}
```

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(88, 48, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 48, 2) }
```

Border

The CSS property to change the border of an element to YUV 54.7160, -25.9890, 29.1901 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(88, 48, 2) }
```


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

```
.border{ border-color:rgb(88, 48, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 48, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 48, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(88, 48, 2); box-shadow:4px  
4px 4px 4px rgb(88, 48, 2) }
```

Background

The CSS property to change the background color of an element to YUV 54.7160, -25.9890, 29.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 48, 2) }
```

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

```
.background{ background-color: rgb(88, 48,  
2) }
```

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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