

Converting Colors

YUV(157.0470, -58.1972,
46.4398)

Have a look what the booklet for
YUV(157.0470, -58.1972, 46.4398)
contains.

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Color

**YUV(157.0470, -58.1972,
46.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	D29927
RGB	210, 153, 39
RGB Percent	82%, 60%, 15%
CMY	0.1765, 0.4000, 0.8471
CMYK	0.00, 0.27, 0.81, 0.18
HSL	40°, 69%, 49%
HSV	40°, 81%, 82%
XYZ	38.3358, 36.6306, 6.9694
YIQ	157.0470, 70.5660, -23.3700

Conversions

Conversions Part 2

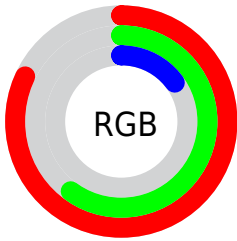
Format	Color
RYB	125, 210, 39
Decimal	13801767
CIELab	67.00, 11.67, 63.10
CIELCh	67, 64.169, 79.522
Yxy	36.6306, 0.4679, 0.4471
Android (android.graphics.Color)	4291991847 (0xFFD29927)
YUV	157.0470, -58.1972, 46.4398
Hunter-Lab	60.5232, 7.1474, 35.5389

Details

The YUV color **157.0470, -58.1972, 46.4398** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **91.9530, 58.1972, -46.4398**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4700, -56.4337, 40.8068**, and **104.7240, -51.6289, 39.7071** is the 20% darker color. If you saturate the color by 10%, you get **150.5440, -65.3442, 52.1429**, and if you desaturate by 10%, it is **163.5500, -51.0501, 40.7367**.

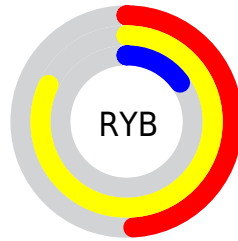
Distribution



Red (82%)

Green (60%)

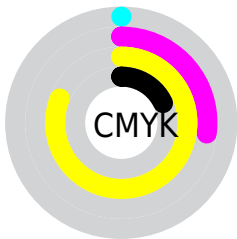
Blue (15%)



Red (49%)

Yellow (82%)

Blue (15%)

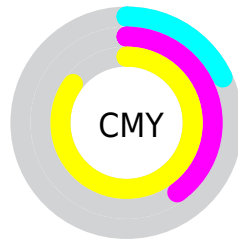


Cyan (0%)

Magenta (27%)

Yellow (81%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.0470, -58.1972, 46.4398 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 157.0470, -58.1972, 46.4398 by changing the saturation by 10% instead.

■ 157.0470,
-58.1972, 46.4398

■ 157.0470,
-58.1972, 46.4398

■ 255.0000, 0.0000,
0.0000

■ 128.3690,
-63.2859, 45.2804

■ 208.4700,
-56.4337, 40.8068

■ 104.7240,
-51.6289, 39.7071

■ 227.9840,
-52.7431, 23.6930

■ 82.2640, -40.5562,
34.8485

■ 242.9160,
-46.3006, 10.5977

■ 60.6790, -29.9147,
28.3455

■ 246.1080,
-34.0702, 7.7983

■ 39.6920, -19.5682,
23.0721

■ 249.3000,
-21.8399, 4.9989

■ 20.1780, -9.9478,
17.3839

■ 252.6060, -9.1728,

■ 0.0000, 0.0000,

2.0995

0.0000

■ 157.0470,
-58.1972, 46.4398

■ 157.0470,
-58.1972, 46.4398

■ 150.5440,
-65.3442, 52.1429

■ 163.5500,
-51.0501, 40.7367

■ 144.9700,
-71.4702, 57.0313

■ 170.0530,
-43.9031, 35.0335

■ 176.5560,
-36.7561, 29.3304

■ 183.0590,
-29.6091, 23.6273

■ 189.5620,
-22.4621, 17.9241

■ 196.0650,
-15.3150, 12.2210

■ 202.5680, -8.1680,
6.5179

■ 209.0710, -1.0210,
0.8147

■ 215.5740, 6.1260,
-4.8884

Harmonies

Analogous

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



159.4250, -41.1285, 78.5573



157.0470, -58.1972, 46.4398



152.5810, -55.0094, 3.8755

Triad

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



157.0470, -58.1972, 46.4398



134.9170, 32.0859, -118.3222



167.8300, 35.0868, 39.6141

Complementary

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



157.0470, -58.1972, 46.4398



91.9530, 58.1972, -46.4398

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.



158.3160, 47.6652, -28.3411



157.0470, -58.1972, 46.4398



138.2690, 55.0834, -121.2619

Square

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



157.0470, -58.1972, 46.4398



126.9030, 6.4568, -111.2939



131.7950, 60.7401, -115.5842



162.6060, 11.5332, 81.0295

Rectangle

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



157.0470, -58.1972, 46.4398



147.0850, -39.4819, -29.8925



131.7950, 60.7401, -115.5842



167.8320, 41.9878, 19.4413

Sweetspot

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



157.0470, -58.1972, 46.4398



236.3060, -20.8569, 16.3946



96.6270, -0.3091, 99.4281



116.1510, -12.3994, 10.3916



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



157.0470, -58.1972, 46.4398



177.7790, -85.1800, 67.7228



181.8350, -70.4177, -0.7323



101.3980, -3.6472, 3.1590



115.9760, -57.1762, 45.6250



28.1080, -13.8572, 11.3063

Inverse Universe

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



91.9530, 58.1972, -46.4398



82.2210, 85.1800, -67.7228



66.8660, 70.5651, 0.1175



97.6020, 3.6472, -3.1590



52.0240, 57.1762, -45.6250



12.8920, 13.8572, -11.3063

Previews

White Background



This preview shows how the YUV color 157.0470, -58.1972, 46.4398 looks on a white 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

Black Background



This preview shows how the YUV color 157.0470, -58.1972, 46.4398 looks on a black 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

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

YUV 157.0470, -58.1972, 46.4398

Background



This preview shows how black text looks on a background with the YUV color 157.0470, -58.1972, 46.4398.



This preview shows how white text looks on a background with the YUV color 157.0470, -58.1972, 46.4398.

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

157.0470, -58.1972, 46.4398

Protanopia

156.0720, -56.2375, 24.4929

Deuteranopia

156.9110, -58.6231, 43.0511



Tritanopia

166.2660, -6.5401, 44.4937

Trichromacy



Original Color

157.0470, -58.1972, 46.4398

Protanomaly

156.3010, -56.8434, 32.1850

Deuteranomaly

156.6230, -58.4811, 44.1806

Tritanomaly

163.0430, -25.1642, 44.6893

Monochromacy



Original Color

157.0470, -58.1972, 46.4398

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1920, -21.2937, 16.4946

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.0470, -58.1972, 46.4398 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(210, 153, 39)` looks like.

```
.text, #text, p{  
    color:rgb(210, 153, 39)  
}
```

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(210, 153, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 153, 39) }
```

Border

The CSS property to change the border of an element to YUV 157.0470, -58.1972, 46.4398 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(210, 153, 39) }
```


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

```
.border{ border-color:rgb(210, 153, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 153, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 153, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 153, 39);  
box-shadow:4px 4px 4px 4px rgb(210, 153,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 157.0470, -58.1972, 46.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 153, 39) }
```

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

```
.background{ background-color: rgb(210,  
153, 39) }
```

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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