

Converting Colors

YUV(150.6920, -46.1902,
68.6761)

Have a look what the booklet for
YUV(150.6920, -46.1902, 68.6761)
contains.

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Color

**YUV(150.6920, -46.1902,
68.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	E58139
RGB	229, 129, 57
RGB Percent	90%, 51%, 22%
CMY	0.1020, 0.4941, 0.7765
CMYK	0.00, 0.44, 0.75, 0.10
HSL	25°, 77%, 56%
HSV	25°, 75%, 90%
XYZ	40.9019, 32.6539, 8.0180
YIQ	150.6920, 82.7120, -1.1920

Conversions

Conversions Part 2

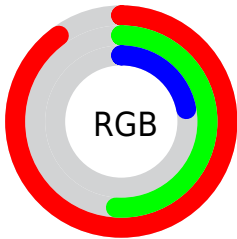
Format	Color
R _Y B	229, 181, 57
Decimal	15040825
CIE Lab	63.88, 33.18, 53.89
CIE LCh	64, 63.289, 58.381
Yxy	32.6539, 0.5014, 0.4003
Android (android.graphics.Color)	4293230905 (0xFFE58139)
YUV	150.6920, -46.1902, 68.6761
Hunter-Lab	57.1436, 27.7642, 31.6814

Details

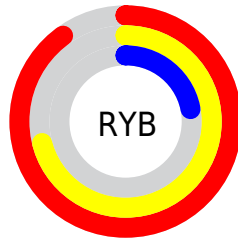
The YUV color **150.6920, -46.1902, 68.6761** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **135.3080, 46.1902, -68.6761**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.9780, -43.3732, 51.7623**, and **96.0180, -47.3369, 63.1282** is the 20% darker color. If you saturate the color by 10%, you get **140.4390, -52.4744, 77.6680**, and if you desaturate by 10%, it is **160.9450, -39.9059, 59.6842**.

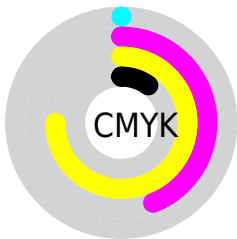
Distribution



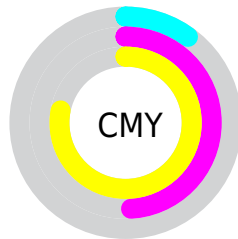
- Red (90%)
- Green (51%)
- Blue (22%)



- Red (90%)
- Yellow (71%)
- Blue (22%)



- Cyan (0%)
- Magenta (44%)
- Yellow (75%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.6920, -46.1902, 68.6761 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 150.6920, -46.1902, 68.6761 by changing the saturation by 10% instead.

150.6920,
-46.1902, 68.6761

150.6920,
-46.1902, 68.6761

255.0000, 0.0000,
0.0000

123.1970,
-45.4531, 65.6022

195.9780,
-43.3732, 51.7623

96.0180, -47.3369,
63.1282

215.3780,
-40.1194, 34.7485

72.9600, -35.9693,
57.0401

234.8920,
-36.4288, 17.6347

49.9020, -24.6017,
50.9519

247.4760,
-28.8287, 6.5985

24.7950, -12.2239,
47.5378

250.6680,
-16.5983, 3.7992

15.5480, -7.6652,
31.9684

253.9740, -3.9312,

4.7840, -2.3585,

0.8998

9.8364

■ 0.0000, 0.0000,
0.0000

■ 150.6920,
-46.1902, 68.6761

■ 150.6920,
-46.1902, 68.6761

■ 140.4390,
-52.4744, 77.6680

■ 160.9450,
-39.9059, 59.6842

■ 129.5990,
-58.4693, 87.1747

■ 171.7850,
-33.9110, 50.1776

■ 124.8230,
-61.5377, 91.3632

■ 182.0380,
-27.6267, 41.1857

■ 192.2910,
-21.3425, 32.1938

■ 203.1310,
-15.3476, 22.6871

■ 213.2700, -9.5001,
13.7952

■ 223.5230, -3.2158,
4.8033

■ 234.3630, 2.7790,
-4.7034

■ 243.7040, 5.5689,
-12.8954

Harmonies

Analogous

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



150.7250, -22.5424, 90.5722



150.6920, -46.1902, 68.6761



147.2150, -59.7590, 34.0144

Triad

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



150.6920, -46.1902, 68.6761



123.3470, 13.1399, -108.1753



156.3880, 48.6157, -6.4793

Complementary

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



150.6920, -46.1902, 68.6761



135.3080, 46.1902, -68.6761

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.



124.1640, 64.5021, -108.8918



150.6920, -46.1902, 68.6761



129.8450, 38.0374, -113.8741

Square

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



150.6920, -46.1902, 68.6761



127.2440, -17.3753, -73.8820



131.2250, 58.5561, -115.0843



158.3820, 27.9127, 54.0390

Rectangle

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



150.6920, -46.1902, 68.6761



143.7060, -54.5781, 5.5198



131.2250, 58.5561, -115.0843



150.3200, 51.6072, -32.7296

Sweetspot

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



150.6920, -46.1902, 68.6761



228.3160, -15.9318, 23.4019



119.8280, 18.3258, 95.7438



111.5690, -9.6475, 14.4100



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.



150.6920, -46.1902, 68.6761



150.7090, -61.9745, 91.4632



201.1740, -71.0778, 24.4034



109.5230, -3.2158, 4.8033



97.5460, -48.0902, 71.4352



27.5760, -13.5950, 20.5428

Inverse Universe

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



135.3080, 46.1902, -68.6761



129.8780, 61.6851, -91.9780



84.8260, 71.0778, -24.4034



108.4770, 3.2158, -4.8033



81.4540, 48.0902, -71.4352



23.4240, 13.5950, -20.5428

Previews

White Background



This preview shows how the YUV color 150.6920, -46.1902, 68.6761 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 150.6920, -46.1902, 68.6761 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 150.6920, -46.1902, 68.6761 Background



This preview shows how black text looks on a background with the YUV color 150.6920, -46.1902, 68.6761.



This preview shows how white text looks on a background with the YUV color 150.6920, -46.1902, 68.6761.

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

150.6920, -46.1902, 68.6761

Protanopia

150.1220, -41.9651, 20.0640

Deuteranopia

150.1090, -48.8607, 38.4924



Tritanopia

155.5140, -12.5784, 67.9552

Trichromacy



Original Color

150.6920, -46.1902, 68.6761

Protanomaly

150.4770, -43.6192, 37.2927

Deuteranomaly

150.1150, -47.8777, 49.8881

Tritanomaly

153.8980, -25.0927, 68.4955

Monochromacy



Original Color

150.6920, -46.1902, 68.6761

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8000, -16.6634, 24.7314

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.6920, -46.1902, 68.6761 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(229, 129, 57)` looks like.

```
.text, #text, p{  
    color:rgb(229, 129, 57)  
}
```

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(229, 129, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 129, 57) }
```

Border

The CSS property to change the border of an element to YUV 150.6920, -46.1902, 68.6761 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(229, 129, 57) }
```


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

```
.border{ border-color:rgb(229, 129, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 129, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 129, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 129, 57);  
box-shadow:4px 4px 4px 4px rgb(229, 129,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 150.6920, -46.1902, 68.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 129, 57) }
```

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

```
.background{ background-color: rgb(229,  
129, 57) }
```

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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