

Converting Colors

YUV(150.9910, -46.3376,
69.2909)

Have a look what the booklet for
YUV(150.9910, -46.3376, 69.2909)
contains.

YUV(150.9910, -46.3376, 69.2909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.9910, -46.3376,
69.2909)**

Conversions

Conversions Part 1

Format	Color
Hex	E68139
RGB	230, 129, 57
RGB Percent	90%, 51%, 22%
CMY	0.0980, 0.4941, 0.7765
CMYK	0.00, 0.44, 0.75, 0.10
HSL	25°, 78%, 56%
HSV	25°, 75%, 90%
XYZ	41.2219, 32.8189, 8.0329
YIQ	150.9910, 83.3080, -0.9800

Conversions

Conversions Part 2

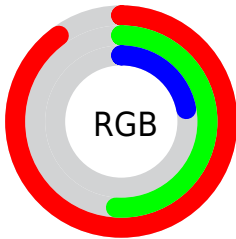
Format	Color
R _{YB}	230, 180, 57
Decimal	15106361
CIE _{Lab}	64.01, 33.58, 54.07
CIE _{LCh}	64, 63.654, 58.157
Yxy	32.8189, 0.5023, 0.3999
Android (android.graphics.Color)	4293296441 (0xFFE68139)
YUV	150.9910, -46.3376, 69.2909
Hunter-Lab	57.2878, 28.1875, 31.7878

Details

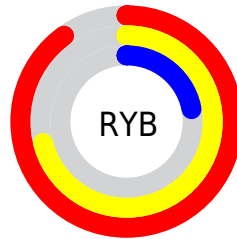
The YUV color **150.9910, -46.3376, 69.2909** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **136.0090, 46.3376, -69.2909**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

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 **140.7380, -52.6218, 78.2828**, and if you desaturate by 10%, it is **161.2440, -40.0533, 60.2990**.

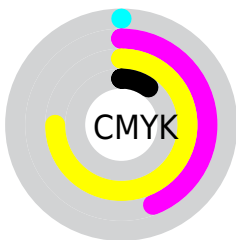
Distribution



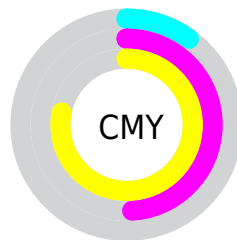
- Red (90%)
- Green (51%)
- Blue (22%)



- 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 150.9910, -46.3376, 69.2909 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 150.9910, -46.3376, 69.2909 by changing the saturation by 10% instead.

150.9910,
-46.3376, 69.2909

150.9910,
-46.3376, 69.2909

255.0000, 0.0000,
0.0000

123.4960,
-45.6005, 66.2170

195.9780,
-43.3732, 51.7623

96.0180, -47.3369,
63.1282

215.3780,
-40.1194, 34.7485

73.2590, -36.1167,
57.6549

234.8920,
-36.4288, 17.6347

49.6140, -24.4597,
52.0815

247.4760,
-28.8287, 6.5985

25.0940, -12.3713,
48.1526

250.6680,
-16.5983, 3.7992

15.8470, -7.8126,
32.5832

253.9740, -3.9312,

5.3820, -2.6533,

0.8998

11.0660

■ 0.0000, 0.0000,
0.0000

■ 150.9910,
-46.3376, 69.2909

■ 150.9910,
-46.3376, 69.2909

■ 140.7380,
-52.6218, 78.2828

■ 161.2440,
-40.0533, 60.2990

■ 129.8980,
-58.6167, 87.7895

■ 172.0840,
-34.0584, 50.7923

■ 125.1220,
-61.6851, 91.9780

■ 182.3370,
-27.7741, 41.8005

■ 193.1770,
-21.7793, 32.2938

■ 203.4300,
-15.4950, 23.3019

■ 214.2700, -9.5001,
13.7952

■ 224.5230, -3.2158,
4.8033

■ 234.7760, 3.0684,
-4.1886

■ 244.5900, 5.1321,
-12.7954

Harmonies

Analogous

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



151.0240, -22.6898, 91.1870



150.9910, -46.3376, 69.2909



147.4000, -60.3432, 34.7292

Triad

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



150.9910, -46.3376, 69.2909



123.9340, 12.8505, -108.6901



156.6760, 48.4737, -7.6089

Complementary

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



150.9910, -46.3376, 69.2909



136.0090, 46.3376, -69.2909

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.



124.7510, 64.2128, -109.4066



150.9910, -46.3376, 69.2909



130.4320, 37.7480, -114.3889

Square

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



150.9910, -46.3376, 69.2909



127.2440, -17.3753, -73.8820



131.9260, 58.7035, -115.6991



159.0830, 28.0601, 53.4242

Rectangle

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



150.9910, -46.3376, 69.2909



144.4780, -55.4517, 5.7198



131.9260, 58.7035, -115.6991



150.0210, 51.7546, -33.3444

Sweetspot

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



150.9910, -46.3376, 69.2909



228.3160, -15.9318, 23.4019



120.5830, 19.9256, 95.9587



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.



150.9910, -46.3376, 69.2909



150.1220, -61.6851, 91.9780



200.2990, -70.6464, 26.0478



109.5230, -3.2158, 4.8033



96.9590, -47.8008, 71.9500



27.5760, -13.5950, 20.5428

Inverse Universe

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



136.0090, 46.3376, -69.2909



129.8780, 61.6851, -91.9780



86.7010, 70.6464, -26.0478



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 150.9910, -46.3376, 69.2909 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 150.9910, -46.3376, 69.2909 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 150.9910, -46.3376, 69.2909

Background



This preview shows how black text looks on a background with the YUV color 150.9910, -46.3376, 69.2909.



This preview shows how white text looks on a background with the YUV color 150.9910, -46.3376,

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

150.9910, -46.3376, 69.2909

Protanopia

150.7090, -42.2545, 19.5492

Deuteranopia

150.9950, -49.2975, 38.5924



Tritanopia

155.8130, -12.7258, 68.5700

Trichromacy



Original Color

150.9910, -46.3376, 69.2909

Protanomaly

150.7760, -43.7666, 37.9074

Deuteranomaly

151.0010, -48.3145, 49.9881

Tritanomaly

154.1970, -25.2401, 69.1102

Monochromacy



Original Color

150.9910, -46.3376, 69.2909

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0990, -16.8108, 25.3462

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9910, -46.3376, 69.2909 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(230, 129, 57)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 129, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 129, 57) }
```

Border

The CSS property to change the border of an element to YUV 150.9910, -46.3376, 69.2909 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(230, 129, 57) }
```


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

```
.border{ border-color:rgb(230, 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(230, 129, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 129, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 129, 57);  
box-shadow:4px 4px 4px 4px rgb(230, 129,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 150.9910, -46.3376, 69.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 129, 57) }
```

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

```
.background{ background-color: rgb(230,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor