

Converting Colors

YUV(125.4690, -48.0522,
59.2247)

Have a look what the booklet for
YUV(125.4690, -48.0522, 59.2247)
contains.

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Color

**YUV(125.4690, -48.0522,
59.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	C16E1C
RGB	193, 110, 28
RGB Percent	76%, 43%, 11%
CMY	0.2431, 0.5686, 0.8902
CMYK	0.00, 0.43, 0.85, 0.24
HSL	30°, 75%, 43%
HSV	30°, 85%, 76%
XYZ	27.7779, 22.5732, 3.9916
YIQ	125.4690, 75.7900, -7.9060

Conversions

Conversions Part 2

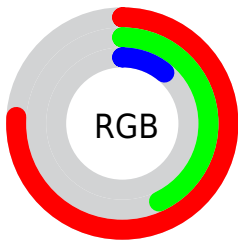
Format	Color
R_{YB}	193, 191, 28
Decimal	12676636
CIE _{Lab}	54.63, 27.37, 55.34
CIE _{LCh}	55, 61.736, 63.682
Yxy	22.5732, 0.5112, 0.4154
Android (android.graphics.Color)	4290866716 (0xFFC16E1C)
YUV	125.4690, -48.0522, 59.2247
Hunter-Lab	47.5112, 21.2170, 28.2767

Details

The YUV color **125.4690, -48.0522, 59.2247** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **95.5310, 48.0522, -59.2247**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5730, -49.0895, 65.2725**, and **75.5740, -37.2580, 50.3626** is the 20% darker color. If you saturate the color by 10%, you get **117.4330, -53.4575, 66.2723**, and if you desaturate by 10%, it is **133.5050, -42.6470, 52.1771**.

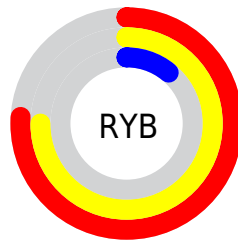
Distribution



Red (76%)

Green (43%)

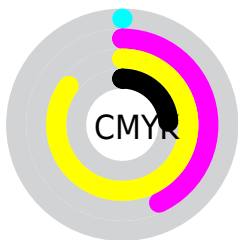
Blue (11%)



Red (76%)

Yellow (75%)

Blue (11%)

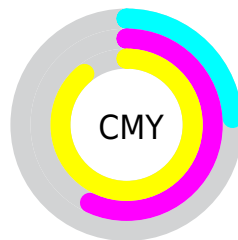


Cyan (0%)

Magenta (43%)

Yellow (85%)

Black (24%)



Cyan (24%)


Magenta (57%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.4690, -48.0522, 59.2247 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 125.4690, -48.0522, 59.2247 by changing the saturation by 10% instead.


 125.4690,
-48.0522, 59.2247

 125.4690,
-48.0522, 59.2247


255.0000, 0.0000,
0.0000


 98.6320, -48.6256,
56.4507


 180.5730,
-49.0895, 65.2725


 75.5740, -37.2580,
50.3626


 199.3860,
-45.5463, 48.7735

 53.4020, -26.3272,
44.3744


 218.7860,
-42.2925, 31.7597

 31.5290, -15.5438,
39.0011

 238.8870,
-38.8913, 14.1311

 14.6510, -7.2229,
30.1241

 247.3620,
-29.2655, 6.6985

 3.2890, -1.6215,
6.7625

 250.5540,

 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

125.4690,
-48.0522, 59.2247

125.4690,
-48.0522, 59.2247

117.4330,
-53.4575, 66.2723

133.5050,
-42.6470, 52.1771

114.0590,
-56.2311, 69.2313

141.0680,
-36.5155, 45.5444

149.1040,
-31.1103, 38.4968

157.1400,
-25.7050, 31.4492

165.2900,
-19.8630, 24.3017

■ 172.7390,
-14.1683, 17.7689

■ 180.7750, -8.7631,
10.7213

■ 188.8110, -3.3578,
3.6738

■ 196.3740, 2.7736,
-2.9590

Harmonies

Analogous

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



125.3990, -24.8467, 82.9651



125.4690, -48.0522, 59.2247



121.1600, -59.7319, 25.2927

Triad

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



125.4690, -48.0522, 59.2247



106.4890, 14.5489, -93.3909



132.9720, 42.9048, 5.2866

Complementary

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



125.4690, -48.0522, 59.2247



95.5310, 48.0522, -59.2247

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.



106.3770, 64.8901, -93.2926



125.4690, -48.0522, 59.2247



112.5310, 37.6992, -98.6897

Square

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



125.4690, -48.0522, 59.2247



98.4580, -8.6068, -86.3477



112.6400, 55.8865, -98.7853



132.4490, 22.9496, 59.2422

Rectangle

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



125.4690, -48.0522, 59.2247



117.7050, -53.0986, -2.3723



112.6400, 55.8865, -98.7853



129.1260, 49.2379, -19.4045

Sweetspot

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



125.4690, -48.0522, 59.2247



223.2190, -18.8420, 23.4869



87.0250, 12.8057, 92.9401



108.8140, -11.2473, 14.1951



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



125.4690, -48.0522, 59.2247



147.5380, -72.7362, 89.8592



172.4290, -71.2035, 18.0408



92.9250, -2.9210, 3.5738



95.0990, -46.8838, 57.7952



19.2590, -9.4947, 12.0509

Inverse Universe

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



95.5310, 48.0522, -59.2247



102.4620, 72.7362, -89.8592



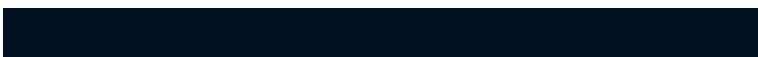
48.5710, 71.2035, -18.0408



91.0750, 2.9210, -3.5738



65.9010, 46.8838, -57.7952



13.7410, 9.4947, -12.0509

Previews

White Background



This preview shows how the YUV color 125.4690, -48.0522, 59.2247 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 125.4690, -48.0522, 59.2247 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 × Fail

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

YUV 125.4690, -48.0522, 59.2247

Background



This preview shows how black text looks on a background with the YUV color 125.4690, -48.0522, 59.2247.



This preview shows how white text looks on a background with the YUV color 125.4690, -48.0522, 59.2247.

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

125.4690, -48.0522, 59.2247

Protanopia

125.3130, -45.0173, 19.0195

Deuteranopia

124.5880, -52.0549, 36.3183



Tritanopia

131.9040, -10.7987, 57.0892

Trichromacy



Original Color

125.4690, -48.0522, 59.2247

Protanomaly

125.4720, -46.0817, 33.7891

Deuteranomaly

124.9850, -50.7716, 44.7402

Tritanomaly

129.9460, -24.6234, 57.9294

Monochromacy



Original Color

125.4690, -48.0522, 59.2247

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.5500, -17.5261, 21.4427

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.4690, -48.0522, 59.2247 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(193, 110, 28)` looks like.

```
.text, #text, p{  
    color:rgb(193, 110, 28)  
}
```

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(193, 110, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 110, 28) }
```

Border

The CSS property to change the border of an element to YUV 125.4690, -48.0522, 59.2247 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(193, 110, 28) }
```


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

```
.border{ border-color:rgb(193, 110, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 110, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 110, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 110, 28);  
box-shadow:4px 4px 4px 4px rgb(193, 110,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 125.4690, -48.0522, 59.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 110, 28) }
```

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

```
.background{ background-color: rgb(193,  
110, 28) }
```

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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