

Converting Colors

YUV(150.1530, -48.8824,
45.4698)

Have a look what the booklet for
YUV(150.1530, -48.8824, 45.4698)
contains.

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Color

**YUV(150.1530, -48.8824,
45.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8F33
RGB	202, 143, 51
RGB Percent	79%, 56%, 20%
CMY	0.2078, 0.4392, 0.8000
CMYK	0.00, 0.29, 0.75, 0.21
HSL	37°, 60%, 50%
HSV	37°, 75%, 79%
XYZ	34.7771, 32.4405, 7.5607
YIQ	150.1530, 64.6960, -16.1040

Conversions

Conversions Part 2

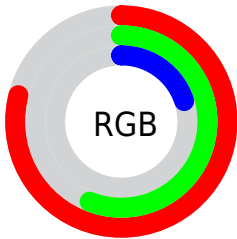
Format	Color
RYB	148, 202, 51
Decimal	13274931
CIELab	63.71, 14.06, 55.22
CIElCh	64, 56.981, 75.712
Yxy	32.4405, 0.4651, 0.4338
Android (android.graphics.Color)	4291465011 (0xFFCA8F33)
YUV	150.1530, -48.8824, 45.4698
Hunter-Lab	56.9566, 9.3164, 31.9992

Details

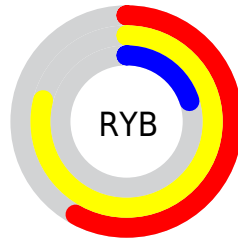
The YUV color **150.1530, -48.8824, 45.4698** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **102.8470, 48.8824, -45.4698**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6260, -49.6086, 45.0550**, and **97.3480, -47.9926, 40.0368** is the 20% darker color. If you saturate the color by 10%, you get **143.1770, -55.3033, 51.5878**, and if you desaturate by 10%, it is **157.1290, -42.4616, 39.3519**.

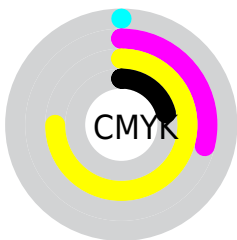
Distribution



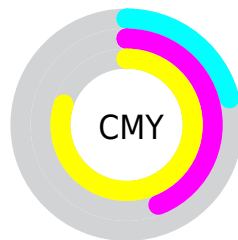
- Red (79%)
- Green (56%)
- Blue (20%)



- Red (58%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (29%)
- Yellow (75%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1530, -48.8824, 45.4698 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 150.1530, -48.8824, 45.4698 by changing the saturation by 10% instead.

■ 150.1530,
-48.8824, 45.4698

■ 150.1530,
-48.8824, 45.4698

■ 255.0000, 0.0000,
0.0000

■ 122.7290,
-49.1664, 43.2107

■ 203.6260,
-49.6086, 45.0550

■ 97.3480, -47.9926,
40.0368

■ 223.1400,
-45.9180, 27.9412

■ 74.8880, -36.9198,
35.1782

■ 242.6540,
-42.2274, 10.8274

■ 53.6020, -26.4258,
29.2900

■ 246.9060,
-31.0127, 7.0984

■ 33.2020, -16.3686,
23.5018

■ 250.2120,
-18.3455, 4.1991

■ 11.9380, -5.8854,
21.1024

■ 253.5180, -5.6784,

■ 0.0000, 0.0000,

1.2997

0.0000

■ 150.1530,
-48.8824, 45.4698

■ 150.1530,
-48.8824, 45.4698

■ 143.1770,
-55.3033, 51.5878

■ 157.1290,
-42.4616, 39.3519

■ 136.2010,
-61.7241, 57.7057

■ 164.1050,
-36.0408, 33.2339

■ 132.5990,
-65.3713, 60.8647

■ 171.1950,
-29.1831, 27.0160

■ 178.1710,
-22.7623, 20.8980

■ 184.5600,
-16.0521, 15.2949

■ 191.5360, -9.6312,
9.1769

■ 198.5120, -3.2104,
3.0590

■ 205.6020, 3.6472,
-3.1590

■ 212.5780, 10.0680,
-9.2769

Harmonies

Analogous

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



151.9280, -33.9815, 72.8541



150.1530, -48.8824, 45.4698



146.0360, -48.3317, 8.7384

Triad

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



150.1530, -48.8824, 45.4698



125.5930, 26.8227, -110.1451



159.1830, 32.9408, 27.9035

Complementary

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



150.1530, -48.8824, 45.4698



102.8470, 48.8824, -45.4698

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.



150.5540, 50.0129, -34.6889



150.1530, -48.8824, 45.4698



129.0760, 47.7835, -113.1997

Square

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



150.1530, -48.8824, 45.4698



118.9640, 3.9617, -104.3314



126.7570, 61.7448, -111.1659



156.6430, 12.0080, 68.7191

Rectangle

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



150.1530, -48.8824, 45.4698



141.8350, -36.8937, -20.0263



126.7570, 61.7448, -111.1659



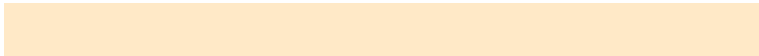
157.9680, 38.9628, 9.6751

Sweetspot

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



150.1530, -48.8824, 45.4698



235.7020, -18.0941, 16.9243



102.9890, 3.9494, 86.8326



116.4930, -11.0890, 10.0916



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.



150.1530, -48.8824, 45.4698



175.9500, -74.4183, 69.3269



180.3010, -63.7454, 5.8750



98.5120, -3.2104, 3.0590



108.9210, -53.6981, 50.0583



24.8630, -12.2575, 11.5211

Inverse Universe

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



102.8470, 48.8824, -45.4698



104.0500, 74.4184, -69.3268



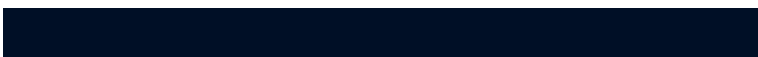
72.6990, 63.7454, -5.8750



95.4880, 3.2104, -3.0590



57.0790, 53.6981, -50.0583



13.1370, 12.2575, -11.5211

Previews

White Background



This preview shows how the YUV color 150.1530, -48.8824, 45.4698 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 150.1530, -48.8824, 45.4698 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 150.1530, -48.8824, 45.4698

Background



This preview shows how black text looks on a background with the YUV color 150.1530, -48.8824, 45.4698.



This preview shows how white text looks on a background with the YUV color 150.1530, -48.8824,

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

150.1530, -48.8824, 45.4698

Protanopia

148.8680, -46.7699, 21.1638

Deuteranopia

149.9950, -49.2975, 38.5924



Tritanopia

157.2660, -6.5401, 44.4937

Trichromacy



Original Color

150.1530, -48.8824, 45.4698

Protanomaly

149.6950, -47.6706, 30.0855

Deuteranomaly

150.3050, -49.4504, 40.9515

Tritanomaly

154.5530, -21.9646, 45.1190

Monochromacy



Original Color

150.1530, -48.8824, 45.4698

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8160, -17.6573, 16.8244

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1530, -48.8824, 45.4698 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(202, 143, 51)` looks like.

```
.text, #text, p{  
    color:rgb(202, 143, 51)  
}
```

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(202, 143, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 143, 51) }
```

Border

The CSS property to change the border of an element to YUV 150.1530, -48.8824, 45.4698 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(202, 143, 51) }
```


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

```
.border{ border-color:rgb(202, 143, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 143, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 143, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 143, 51);  
box-shadow:4px 4px 4px 4px rgb(202, 143,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 150.1530, -48.8824, 45.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 143, 51) }
```

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

```
.background{ background-color: rgb(202,  
143, 51) }
```

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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