

Converting Colors

YUV(149.4890, -45.1041,
46.9291)

Have a look what the booklet for
YUV(149.4890, -45.1041, 46.9291)
contains.

YUV(149.4890, -45.1041, 46.9291)	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(149.4890, -45.1041,
46.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8C3A
RGB	203, 140, 58
RGB Percent	80%, 55%, 23%
CMY	0.2039, 0.4510, 0.7725
CMYK	0.00, 0.31, 0.71, 0.20
HSL	34°, 58%, 51%
HSV	34°, 71%, 80%
XYZ	34.7704, 31.7582, 8.3003
YIQ	149.4890, 63.8700, -12.1460

Conversions

Conversions Part 2

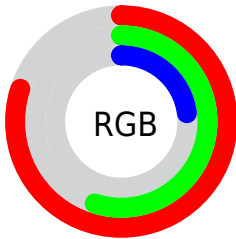
Format	Color
RYB	169, 203, 58
Decimal	13339706
CIELab	63.14, 16.47, 51.65
CIElCh	63, 54.211, 72.318
Yxy	31.7582, 0.4647, 0.4244
Android (android.graphics.Color)	4291529786 (0xFFC8B8C3A)
YUV	149.4890, -45.1041, 46.9291
Hunter-Lab	56.3544, 11.5135, 30.7154

Details

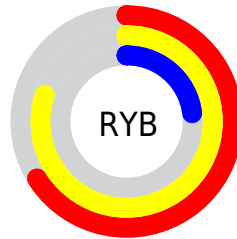
The YUV color **149.4890, -45.1041, 46.9291** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **111.5110, 45.1041, -46.9291**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5490, -46.1197, 45.9995**, and **95.8860, -47.2718, 42.1960** is the 20% darker color. If you saturate the color by 10%, you get **141.9260, -51.2355, 53.5619**, and if you desaturate by 10%, it is **157.0520, -38.9726, 40.2964**.

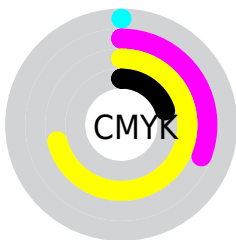
Distribution



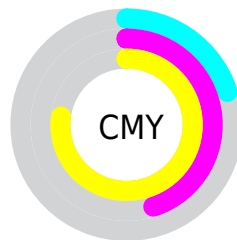
- Red (80%)
- Green (55%)
- Blue (23%)



- Red (66%)
- Yellow (80%)
- Blue (23%)



- Cyan (0%)
- Magenta (31%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4890, -45.1041, 46.9291 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 149.4890, -45.1041, 46.9291 by changing the saturation by 10% instead.

■ 149.4890,
-45.1041, 46.9291

■ 149.4890,
-45.1041, 46.9291

■ 255.0000, 0.0000,
0.0000

■ 122.2930,
-44.5144, 44.4700

■ 202.5490,
-46.1197, 45.9995

■ 95.8860, -47.2718,
42.1960

■ 221.4760,
-42.1397, 29.4005

■ 73.4260, -36.1990,
37.3374

■ 241.5770,
-38.7385, 11.7720

■ 52.1400, -25.7050,
31.4492

■ 247.5900,
-28.3919, 6.4986

■ 31.7400, -15.6478,
25.6610

■ 250.8960,
-15.7247, 3.5992

■ 11.0630, -5.4541,
22.7467

■ 254.2020, -3.0576,

■ 0.0000, 0.0000,

0.6998

0.0000

■ 149.4890,
-45.1041, 46.9291

■ 149.4890,
-45.1041, 46.9291

■ 141.9260,
-51.2355, 53.5619

■ 157.0520,
-38.9726, 40.2964

■ 134.2490,
-57.8038, 60.2946

■ 164.7290,
-32.4044, 33.5637

■ 128.2020,
-63.2036, 65.5978

■ 171.7050,
-25.9836, 27.4457

■ 179.2680,
-19.8521, 20.8130

■ 186.9450,
-13.2839, 14.0802

■ 194.5080, -7.1524,
7.4475

■ 202.0710, -1.0210,
0.8147

■ 209.6340, 5.1104,
-5.8180

■ 216.7240, 11.9681,
-12.0359

Harmonies

Analogous

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



151.2420, -30.1923, 70.8248



149.4890, -45.1041, 46.9291



146.2260, -46.4534, 12.9568

Triad

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



149.4890, -45.1041, 46.9291



123.5070, 23.9070, -108.3156



157.5520, 33.2519, 21.4409

Complementary

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



149.4890, -45.1041, 46.9291



111.5110, 45.1041, -46.9291

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.



147.2930, 49.1556, -39.7220



149.4890, -45.1041, 46.9291



126.8760, 44.4311, -111.2703

Square

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



149.4890, -45.1041, 46.9291



116.6330, 2.6459, -102.2871



125.2580, 58.5398, -109.8513



155.3540, 13.6295, 61.9565

Rectangle

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



149.4890, -45.1041, 46.9291



142.3520, -37.6415, -13.4637



125.2580, 58.5398, -109.8513



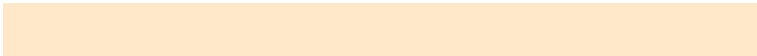
156.2230, 38.8371, 3.3124

Sweetspot

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



149.4890, -45.1041, 46.9291



235.3430, -16.9311, 17.2392



108.7650, 7.0179, 82.6441



116.1340, -9.9261, 10.4065



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.



149.4890, -45.1041, 46.9291



174.2690, -68.1666, 70.8011



184.3770, -62.3039, 10.1934



98.5120, -3.2104, 3.0590



104.8120, -51.6723, 53.6619



24.2760, -11.9681, 12.0359

Inverse Universe

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



111.5110, 45.1041, -46.9291



116.7310, 68.1666, -70.8011



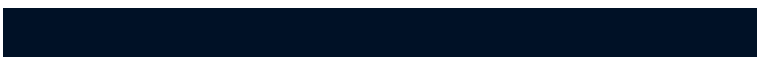
76.6230, 62.3039, -10.1934



95.4880, 3.2104, -3.0590



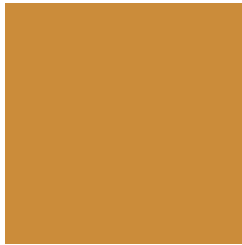
61.1880, 51.6723, -53.6619



14.3110, 11.6787, -12.5507

Previews

White Background



This preview shows how the YUV color 149.4890, -45.1041, 46.9291 looks on a white background.

Color Contrast Check

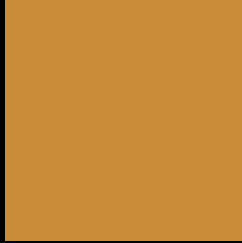
Large Text (above 18pt) WCAG AA × Fail

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 149.4890, -45.1041, 46.9291 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 149.4890, -45.1041, 46.9291 Background



This preview shows how black text looks on a background with the YUV color 149.4890, -45.1041, 46.9291.



This preview shows how white text looks on a background with the YUV color 149.4890, -45.1041,

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

149.4890, -45.1041, 46.9291

Protanopia

148.0080, -42.4019, 20.1640

Deuteranopia

149.1950, -45.9451, 36.6630



Tritanopia

155.1630, -6.9824, 46.3380

Trichromacy



Original Color

149.4890, -45.1041, 46.9291

Protanomaly

148.5470, -43.1607, 30.2153

Deuteranomaly

149.3310, -45.5192, 40.0517

Tritanomaly

152.9060, -20.6597, 46.5634

Monochromacy



Original Color

149.4890, -45.1041, 46.9291

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.4570, -16.4943, 17.1392

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4890, -45.1041, 46.9291 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(203, 140, 58)` looks like.

```
.text, #text, p{  
    color:rgb(203, 140, 58)  
}
```

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(203, 140, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 140, 58) }
```

Border

The CSS property to change the border of an element to YUV 149.4890, -45.1041, 46.9291 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(203, 140, 58) }
```


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

```
.border{ border-color:rgb(203, 140, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 140, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 140, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 140, 58);  
box-shadow:4px 4px 4px 4px rgb(203, 140,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 149.4890, -45.1041, 46.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 140, 58) }
```

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

```
.background{ background-color: rgb(203,  
140, 58) }
```

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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