

Converting Colors

YUV(148.8210, -65.4808,
49.2690)

Have a look what the booklet for
YUV(148.8210, -65.4808, 49.2690)
contains.

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Color

**YUV(148.8210, -65.4808,
49.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9210
RGB	205, 146, 16
RGB Percent	80%, 57%, 6%
CMY	0.1961, 0.4275, 0.9373
CMYK	0.00, 0.29, 0.92, 0.20
HSL	41°, 86%, 43%
HSV	41°, 92%, 80%
XYZ	35.5492, 33.5743, 5.0971
YIQ	148.8210, 76.8940, -27.9220

Conversions

Conversions Part 2

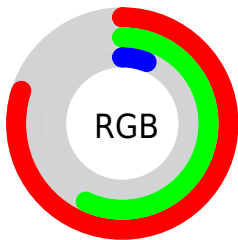
Format	Color
RYB	102, 205, 16
Decimal	13472272
CIELab	64.62, 12.73, 66.93
CIElCh	65, 68.126, 79.228
Yxy	33.5743, 0.4790, 0.4524
Android (android.graphics.Color)	4291662352 (0xFFCD9210)
YUV	148.8210, -65.4808, 49.2690
Hunter-Lab	57.9433, 8.1120, 35.3448

Details

The YUV color **148.8210, -65.4808, 49.2690** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **72.1790, 65.4808, -49.2690**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6510, -60.9599, 45.9101**, and **99.7070, -49.1556, 39.7220** is the 20% darker color. If you saturate the color by 10%, you get **144.0620, -71.0226, 53.4426**, and if you desaturate by 10%, it is **154.6230, -58.4811, 44.1806**.

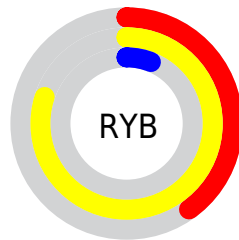
Distribution



Red (80%)

Green (57%)

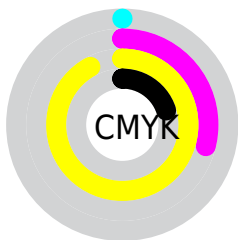
Blue (6%)



Red (40%)

Yellow (80%)

Blue (6%)

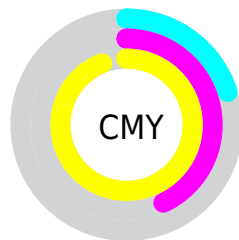


Cyan (0%)

Magenta (29%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (43%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.8210, -65.4808, 49.2690 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 148.8210, -65.4808, 49.2690 by changing the saturation by 10% instead.

■ 148.8210,
-65.4808, 49.2690

■ 148.8210,
-65.4808, 49.2690

■ 255.0000, 0.0000,
0.0000

■ 122.7650,
-60.5231, 45.8101

■ 202.6510,
-60.9599, 45.9101

■ 99.7070, -49.1556,
39.7220

■ 222.2790,
-56.8325, 28.6963

■ 76.9480, -37.9354,
34.2486

■ 241.2060,
-52.8526, 12.0973

■ 55.6620, -27.4414,
28.3604

■ 244.3980,
-40.6222, 9.2980

■ 35.2620, -17.3842,
22.5722

■ 247.5900,
-28.3919, 6.4986

■ 14.2860, -7.0430,
19.0432

■ 250.8960,

■ 0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,
0.6998

148.8210,
-65.4808, 49.2690

148.8210,
-65.4808, 49.2690

144.0620,
-71.0226, 53.4426

154.6230,
-58.4811, 44.1806

161.1260,
-51.3341, 38.4775

166.9280,
-44.3345, 33.3891

173.4310,
-37.1875, 27.6860

179.2330,
-30.1879, 22.5977

■ 185.1490,
-22.7515, 17.4093

■ 191.6520,
-15.6044, 11.7062

■ 197.4540, -8.6048,
6.6178

■ 203.9570, -1.4578,
0.9147

Harmonies

Analogous

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



151.9910, -42.8866, 82.4459



148.8210, -65.4808, 49.2690



144.0450, -62.1402, 4.3455

Triad

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



148.8210, -65.4808, 49.2690



130.8250, 31.6383, -114.7335



160.8240, 37.5548, 41.3734

Complementary

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



148.8210, -65.4808, 49.2690



72.1790, 65.4808, -49.2690

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.



150.6080, 51.4653, -33.8592



148.8210, -65.4808, 49.2690



134.5190, 55.9461, -117.9732

Square

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



148.8210, -65.4808, 49.2690



123.0560, 4.4094, -107.9201



128.8600, 62.1870, -113.0102



154.9920, 12.8219, 87.7070

Rectangle

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



148.8210, -65.4808, 49.2690



138.9770, -42.3867, -31.5518



128.8600, 62.1870, -113.0102



160.9290, 44.8980, 19.3563

Sweetspot

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



148.8210, -65.4808, 49.2690



233.9920, -24.6461, 18.4240



79.3510, -1.6520, 110.1942



114.7660, -15.1676, 11.6062



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.



148.8210, -65.4808, 49.2690



178.9700, -88.2322, 66.6783



172.9890, -77.3956, -2.6214



99.0990, -3.4998, 2.5442



116.5520, -57.4601, 43.3659



26.6240, -13.1256, 9.9768

Inverse Universe

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



72.1790, 65.4808, -49.2690



76.0300, 88.2322, -66.6783



48.0110, 77.3956, 2.6214



94.9010, 3.4998, -2.5442



49.4480, 57.4601, -43.3659



11.3760, 13.1256, -9.9768

Previews

White Background



This preview shows how the YUV color 148.8210, -65.4808, 49.2690 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 148.8210, -65.4808, 49.2690 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 148.8210, -65.4808, 49.2690

Background



This preview shows how black text looks on a background with the YUV color 148.8210, -65.4808, 49.2690.



This preview shows how white text looks on a background with the YUV color 148.8210, -65.4808, 49.2690.

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

148.8210, -65.4808, 49.2690

Protanopia

147.9490, -63.0789, 25.4777

Deuteranopia

148.3320, -67.2117, 44.4358



Tritanopia

159.8640, -6.8350, 45.7233

Trichromacy



Original Color

148.8210, -65.4808, 49.2690

Protanomaly

148.4770, -63.8322, 33.7847

Deuteranomaly

148.4570, -66.7803, 46.0802

Tritanomaly

155.9570, -28.0798, 46.5187

Monochromacy



Original Color

148.8210, -65.4808, 49.2690

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9210, -23.6251, 17.6093

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8210, -65.4808, 49.2690 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(205, 146, 16)` looks like.

```
.text, #text, p{  
    color:rgb(205, 146, 16)  
}
```

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(205, 146, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 146, 16) }
```

Border

The CSS property to change the border of an element to YUV 148.8210, -65.4808, 49.2690 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(205, 146, 16) }
```


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

```
.border{ border-color:rgb(205, 146, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 146, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 146, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 146, 16);  
box-shadow:4px 4px 4px 4px rgb(205, 146,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 148.8210, -65.4808, 49.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 146, 16) }
```

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

```
.background{ background-color: rgb(205,  
146, 16) }
```

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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