

# Converting Colors

YUV(146.8210, -65.4808,  
49.2690)

Have a look what the booklet for  
YUV(146.8210, -65.4808, 49.2690)  
contains.

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# Color

**YUV(146.8210, -65.4808,  
49.2690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB900E
RGB	203, 144, 14
RGB Percent	80%, 56%, 5%
CMY	0.2039, 0.4353, 0.9451
CMYK	0.00, 0.29, 0.93, 0.20
HSL	41°, 87%, 43%
HSV	41°, 93%, 80%
XYZ	34.6811, 32.6747, 4.8944
YIQ	146.8210, 76.8940, -27.9220

# Conversions

## Conversions Part 2

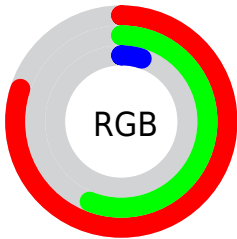
Format	Color
<a href="#">RYB</a>	<a href="#">100, 203, 14</a>
Decimal	<a href="#">13340686</a>
CIELab	<a href="#">63.90, 12.91, 66.64</a>
CIELCh	<a href="#">64, 67.879, 79.037</a>
Yxy	<a href="#">32.6747, 0.4800, 0.4522</a>
Android (android.graphics.Color)	<a href="#">4291530766</a> ( <a href="#">0xFFFCB900E</a> )
YUV	<a href="#">146.8210, -65.4808, 49.2690</a>
Hunter-Lab	<a href="#">57.1618, 8.2661, 34.9366</a>

# Details

The YUV color **146.8210, -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 **70.1790, 65.4808, -49.2690**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3630, -60.8180, 47.0396**, and **97.9350, -48.2820, 39.5220** is the 20% darker color. If you saturate the color by 10%, you get **142.8770, -70.4384, 52.7279**, and if you desaturate by 10%, it is **152.6230, -58.4811, 44.1806**.

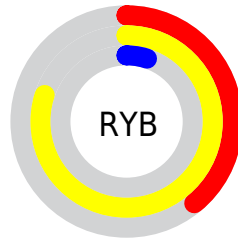
# Distribution



Red (80%)

Green (56%)

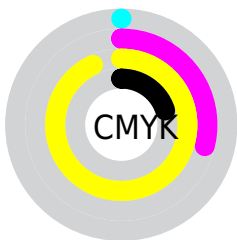
Blue (5%)



Red (39%)

Yellow (80%)

Blue (5%)

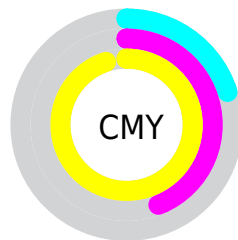


Cyan (0%)

Magenta (29%)

Yellow (93%)

Black (20%)



Cyan (20%)

Magenta (44%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.8210, -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 146.8210, -65.4808, 49.2690 by changing the saturation by 10% instead.



■ 146.8210,  
-65.4808, 49.2690

■ 146.8210,  
-65.4808, 49.2690

■ 255.0000, 0.0000,  
0.0000

■ 120.9930,  
-59.6495, 45.6101

■ 201.3630,  
-60.8180, 47.0396

■ 97.9350, -48.2820,  
39.5220

■ 220.2900,  
-56.8380, 30.4407

■ 75.1760, -37.0618,  
34.0486

■ 240.5050,  
-53.0000, 12.7121

■ 53.8900, -26.5678,  
28.1605

■ 244.1700,  
-41.4958, 9.4979

■ 33.4900, -16.5106,  
22.3723

■ 247.4760,  
-28.8287, 6.5985

■ 12.8130, -6.3168,  
19.4580

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

254.0880, -3.4944,  
0.7998

146.8210,  
-65.4808, 49.2690

146.8210,  
-65.4808, 49.2690

142.8770,  
-70.4384, 52.7279

152.6230,  
-58.4811, 44.1806

159.1260,  
-51.3341, 38.4775

164.9280,  
-44.3345, 33.3891

170.7300,  
-37.3349, 28.3008

177.2330,  
-30.1879, 22.5977

■ 183.0350,  
-23.1883, 17.5093

■ 188.8370,  
-16.1886, 12.4210

■ 195.2260, -9.4784,  
6.8178

■ 201.1420, -2.0420,  
1.6295

# Harmonies

## Analogous

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



150.1050, -42.4498, 82.3459



146.8210, -65.4808, 49.2690



141.6430, -62.4350, 5.5751

# Triad

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



146.8210, -65.4808, 49.2690



129.4230, 31.3435, -113.5040



159.1120, 37.4128, 40.2438

# Complementary

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



146.8210, -65.4808, 49.2690



70.1790, 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.



148.5370, 52.4863, -34.6739



146.8210, -65.4808, 49.2690



133.0030, 55.2145, -116.6436

# Square

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



146.8210, -65.4808, 49.2690



121.6540, 4.1146, -106.6906



127.6860, 62.7658, -111.9806



152.8070, 13.4061, 86.9923



# Rectangle

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



146.8210, -65.4808, 49.2690



137.2760, -42.5341, -30.9371



127.6860, 62.7658, -111.9806



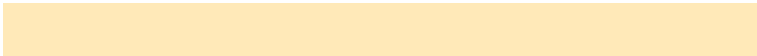
158.6300, 45.0454, 18.7415

# Sweetspot

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



146.8210, -65.4808, 49.2690



233.9920, -24.6461, 18.4240



77.3510, -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.



146.8210, -65.4808, 49.2690



178.9700, -88.2322, 66.6783



170.9890, -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.



70.1790, 65.4808, -49.2690



76.0300, 88.2322, -66.6783



46.0110, 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 146.8210, -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 146.8210, -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 146.8210, -65.4808, 49.2690

## Background



This preview shows how black text looks on a background with the YUV color 146.8210, -65.4808, 49.2690.



This preview shows how white text looks on a background with the YUV color 146.8210, -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

146.8210, -65.4808, 49.2690

### Protanopia

146.0630, -62.6421, 25.3777

### Deuteranopia

145.8050, -67.9379, 44.0210



## Tritanopia

157.5650, -6.6875, 45.1085

# Trichromacy



## Original Color

146.8210, -65.4808, 49.2690

## Protanomaly

146.4770, -63.8322, 33.7847

## Deuteranomaly

146.3430, -67.2171, 46.1802

## Tritanomaly

153.9570, -28.0798, 46.5187

# Monochromacy



## Original Color

146.8210, -65.4808, 49.2690

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

146.9210, -23.6251, 17.6093

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.8210, -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(203, 144, 14)` looks like.

```
.text, #text, p{  
    color:rgb(203, 144, 14)  
}
```

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, 144, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 144, 14) }
```

## Border

The CSS property to change the border of an element to YUV 146.8210, -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(203, 144, 14) }
```



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

```
.border{ border-color:rgb(203, 144, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 144, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 144, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 144, 14);  
box-shadow:4px 4px 4px 4px rgb(203, 144,  
14) }
```

# Background

The CSS property to change the background color of an element to YUV 146.8210, -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(203, 144, 14) }
```

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

```
.background{ background-color: rgb(203,  
144, 14) }
```

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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