

# Converting Colors

YUV(175.4200, -50.4931,  
48.7437)

Have a look what the booklet for  
YUV(175.4200, -50.4931, 48.7437)  
contains.

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# Color

**YUV(175.4200, -50.4931,  
48.7437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A749
RGB	231, 167, 73
RGB Percent	91%, 65%, 29%
CMY	0.0941, 0.3451, 0.7137
CMYK	0.00, 0.28, 0.68, 0.09
HSL	36°, 77%, 60%
HSV	36°, 68%, 91%
XYZ	47.9763, 45.1074, 12.4813
YIQ	175.4200, 68.3180, -15.6660

# Conversions

## Conversions Part 2

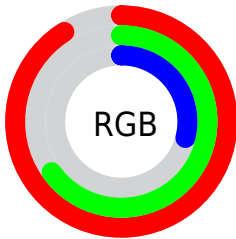
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 231, 73
Decimal	15181641
CIELab	72.96, 14.65, 56.23
CIElCh	73, 58.106, 75.399
Yxy	45.1074, 0.4545, 0.4273
Android (android.graphics.Color)	4293371721 (0xFFE7A749)
YUV	175.4200, -50.4931, 48.7437
Hunter-Lab	67.1620, 9.9755, 35.9951

# Details

The YUV color **175.4200, -50.4931, 48.7437** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **128.5800, 50.4931, -48.7437**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9230, -46.7970, 29.8855**, and **120.5720, -51.0610, 44.2254** is the 20% darker color. If you saturate the color by 10%, you get **167.5150, -57.9349, 55.6763**, and if you desaturate by 10%, it is **183.3250, -43.0512, 41.8110**.

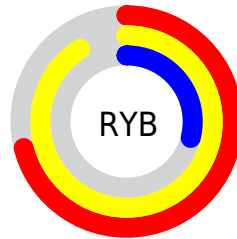
# Distribution



Red (91%)

Green (65%)

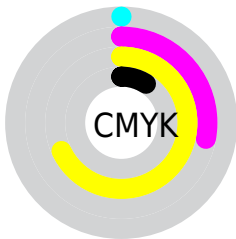
Blue (29%)



Red (71%)

Yellow (91%)

Blue (29%)

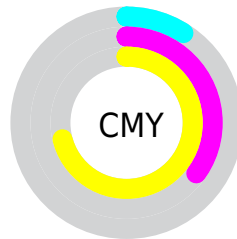


Cyan (0%)

Magenta (28%)

Yellow (68%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.4200, -50.4931, 48.7437 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 175.4200, -50.4931, 48.7437 by changing the saturation by 10% instead.



175.4200,  
-50.4931, 48.7437

175.4200,  
-50.4931, 48.7437

255.0000, 0.0000,  
0.0000

148.2240,  
-49.9034, 46.2846

220.9230,  
-46.7970, 29.8855

120.5720,  
-51.0610, 44.2254

241.0240,  
-43.3958, 12.2570

95.8750, -47.2664,  
40.4516

246.4500,  
-32.7599, 7.4983

73.4150, -36.1936,  
35.5930

249.6420,  
-20.5295, 4.6990

51.8300, -25.5522,  
29.0901

252.9480, -7.8624,  
1.7996

31.4300, -15.4950,  
23.3019

10.4650, -5.1592,

21.5172

■ 0.0000, 0.0000,  
0.0000

■ 175.4200,  
-50.4931, 48.7437

■ 175.4200,  
-50.4931, 48.7437

■ 167.5150,  
-57.9349, 55.6763

■ 183.3250,  
-43.0512, 41.8110

■ 159.0230,  
-65.0873, 63.1238

■ 191.8170,  
-35.8988, 34.3635

■ 151.1180,  
-72.5292, 70.0565

■ 199.7220,  
-28.4569, 27.4308

■ 149.4880,  
-73.6976, 71.4860

■ 207.6270,  
-21.0151, 20.4981

■ 216.1190,  
-13.8627, 13.0506

■ 224.1380, -5.9840,  
6.0180

■ 232.0430, 1.4578,  
-0.9147

■ 240.1930, 7.2999,  
-8.0623

■ 245.4760, 4.6953,  
-12.6955

# Harmonies

## Analogous

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



174.5040, -34.2655, 70.5950



175.4200, -50.4931, 48.7437



171.2920, -49.9370, 10.2679

# Triad

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



175.4200, -50.4931, 48.7437



144.4060, 30.3658, -126.6441



184.5360, 34.2458, 29.3479

# Complementary

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



175.4200, -50.4931, 48.7437



128.5800, 50.4931, -48.7437

# 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.



172.4590, 40.6927, -31.9745



175.4200, -50.4931, 48.7437



147.5300, 52.4897, -129.3838

# Square

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



175.4200, -50.4931, 48.7437



136.8480, 6.4839, -120.0157



141.7740, 55.8204, -124.3358



179.6750, 13.4712, 66.0600



# Rectangle

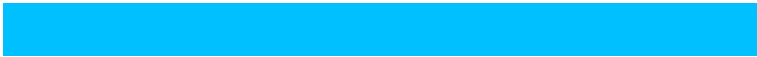
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.4200, -50.4931, 48.7437



166.9660, -38.9302, -20.1412



141.7740, 55.8204, -124.3358



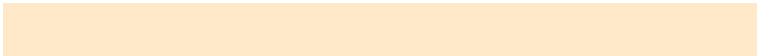
181.8820, 36.0472, 11.5045

# Sweetspot

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



175.4200, -50.4931, 48.7437



235.9300, -17.2205, 16.7244



127.7660, 5.5384, 90.5362



116.7210, -10.2155, 9.8917



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.



175.4200, -50.4931, 48.7437



181.2790, -66.6925, 64.6533



209.1010, -67.0978, 7.8044



110.6970, -3.7946, 3.7737



115.7430, -57.0613, 55.4764



32.8590, -16.1995, 15.9097



# Inverse Universe

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



128.5800, 50.4931, -48.7437



119.7210, 66.6925, -64.6533



94.8990, 67.0978, -7.8044



107.3030, 3.7946, -3.7737



62.6700, 57.3507, -54.9616



18.1410, 16.1995, -15.9097



# Previews

## White Background



This preview shows how the YUV color 175.4200, -50.4931, 48.7437 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 175.4200, -50.4931, 48.7437 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 175.4200, -50.4931, 48.7437

## Background



This preview shows how black text looks on a background with the YUV color 175.4200, -50.4931, 48.7437.



This preview shows how white text looks on a background with the YUV color 175.4200, -50.4931,



# 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

175.4200, -50.4931, 48.7437

### Protanopia

174.2380, -47.9383, 22.5933

### Deuteranopia

175.2620, -50.9082, 41.8662



## Tritanopia

182.5870, -6.6984, 48.5972

# Trichromacy



## Original Color

175.4200, -50.4931, 48.7437

## Protanomaly

174.4780, -48.5497, 32.0298

## Deuteranomaly

175.5720, -51.0610, 44.2254

## Tritanomaly

180.0480, -22.7017, 48.1929

# Monochromacy



## Original Color

175.4200, -50.4931, 48.7437

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

175.0010, -18.2415, 17.5391

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.4200, -50.4931, 48.7437 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(231, 167, 73)` looks like.

```
.text, #text, p{  
    color:rgb(231, 167, 73)  
}
```

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(231, 167, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 167, 73) }
```

## Border

The CSS property to change the border of an element to YUV 175.4200, -50.4931, 48.7437 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(231, 167, 73) }
```



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

```
.border{ border-color:rgb(231, 167, 73) }
```

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

Here you see how a box with a 4 pixel rgb(231, 167, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 167, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 167, 73);  
box-shadow:4px 4px 4px 4px rgb(231, 167,  
73) }
```

# Background

The CSS property to change the background color of an element to YUV 175.4200, -50.4931, 48.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 167, 73) }
```

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

```
.background{ background-color: rgb(231,  
167, 73) }
```

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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