

# Converting Colors

YUV(176.9460, -48.2874,  
41.2664)

Have a look what the booklet for  
YUV(176.9460, -48.2874, 41.2664)  
contains.

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# Color

**YUV(176.9460, -48.2874,  
41.2664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0AC4F
RGB	224, 172, 79
RGB Percent	88%, 67%, 31%
CMY	0.1216, 0.3255, 0.6902
CMYK	0.00, 0.23, 0.65, 0.12
HSL	38°, 70%, 59%
HSV	38°, 65%, 88%
XYZ	46.9043, 45.9169, 13.7879
YIQ	176.9460, 60.8450, -17.8990

# Conversions

## Conversions Part 2

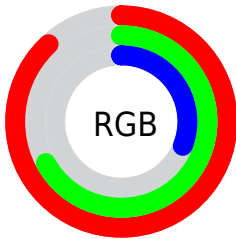
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 224, 79
Decimal	14724175
CIELab	73.49, 9.38, 53.86
CIELCh	73, 54.674, 80.122
Yxy	45.9169, 0.4400, 0.4307
Android (android.graphics.Color)	4292914255 (0xFFE0AC4F)
YUV	176.9460, -48.2874, 41.2664
Hunter-Lab	67.7620, 4.9728, 35.3694

# Details

The YUV color **176.9460, -48.2874, 41.2664** 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 **126.0540, 48.2874, -41.2664**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5420, -45.6232, 26.7117**, and **122.6250, -48.1291, 37.1629** is the 20% darker color. If you saturate the color by 10%, you get **169.7420, -55.5818, 47.5843**, and if you desaturate by 10%, it is **184.1500, -40.9930, 34.9484**.

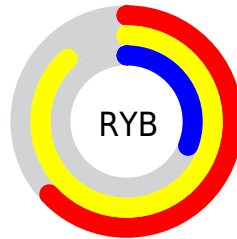
# Distribution



Red (88%)

Green (67%)

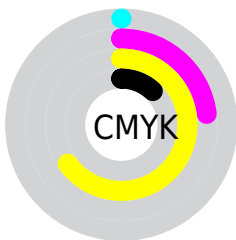
Blue (31%)



Red (63%)

Yellow (88%)

Blue (31%)

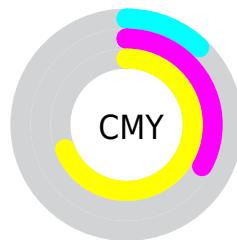


Cyan (0%)

Magenta (23%)

Yellow (65%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 176.9460, -48.2874, 41.2664 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 176.9460, -48.2874, 41.2664 by changing the saturation by 10% instead.



■ 176.9460,  
-48.2874, 41.2664

■ 176.9460,  
-48.2874, 41.2664

■ 255.0000, 0.0000,  
0.0000

■ 149.7500,  
-47.6977, 38.8073

■ 224.5420,  
-45.6232, 26.7117

■ 122.6250,  
-48.1291, 37.1629

■ 244.0560,  
-41.9326, 9.5979

■ 96.4290, -47.5395,  
34.7038

■ 247.1340,  
-30.1391, 6.8985

■ 74.5560, -36.7561,  
29.3304

■ 250.4400,  
-17.4719, 3.9991

■ 53.5690, -26.4095,  
24.0570

■ 253.7460, -4.8048,  
1.0998

■ 33.1690, -16.3523,  
18.2688

■ 12.2040, -6.0166,

16.4841

■ 0.0000, 0.0000,  
0.0000

■ 176.9460,  
-48.2874, 41.2664

■ 176.9460,  
-48.2874, 41.2664

■ 169.7420,  
-55.5818, 47.5843

■ 184.1500,  
-40.9930, 34.9484

■ 162.4240,  
-63.3130, 54.0022

■ 191.4680,  
-33.2617, 28.5306

■ 155.2200,  
-70.6075, 60.3201

■ 198.6720,  
-25.9673, 22.2127

■ 151.5040,  
-74.6915, 63.5790

■ 205.9900,  
-18.2361, 15.7948

■ 213.1940,  
-10.9416, 9.4769

■ 220.3980, -3.6472,  
3.1590

■ 227.7160, 4.0840,  
-3.2589

■ 234.5780, 10.0680,  
-9.2769

■ 239.2740, 7.7529,  
-13.3953

# Harmonies

## Analogous

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



178.0260, -36.0018, 67.5062



176.9460, -48.2874, 41.2664



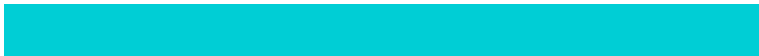
172.6270, -44.6791, 3.8351

# Triad

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



176.9460, -48.2874, 41.2664



145.2040, 33.4234, -127.3439



185.9020, 29.1353, 35.1659

# Complementary

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



176.9460, -48.2874, 41.2664



126.0540, 48.2874, -41.2664

# 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.



178.1510, 37.8866, -18.5494



176.9460, -48.2874, 41.2664



147.0570, 53.2159, -128.9690

# Square

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



176.9460, -48.2874, 41.2664



138.8030, 11.4361, -121.7302



141.1870, 56.1098, -123.8210



180.5240, 9.1087, 65.3155



# Rectangle

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



176.9460, -48.2874, 41.2664



168.1270, -33.0936, -25.5444



141.1870, 56.1098, -123.8210



185.4700, 34.2783, 18.8818

# Sweetspot

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



176.9460, -48.2874, 41.2664



239.5490, -16.0467, 13.5505



128.3970, 1.7763, 83.8438



118.1230, -9.9206, 8.6621



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.



176.9460, -48.2874, 41.2664



190.6370, -66.3760, 56.4464



201.7890, -60.5350, 2.8160



108.3980, -3.6472, 3.1590



118.9550, -58.6448, 50.0285



32.5490, -16.0467, 13.5505



# Inverse Universe

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



126.0540, 48.2874, -41.2664



120.3630, 66.3760, -56.4464



101.2110, 60.5350, -2.8160



104.6020, 3.6472, -3.1590



57.0450, 58.6448, -50.0285



15.4510, 16.0467, -13.5505



# Previews

## White Background



This preview shows how the YUV color 176.9460, -48.2874, 41.2664 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 176.9460, -48.2874, 41.2664 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 176.9460, -48.2874, 41.2664 Background



This preview shows how black text looks on a background with the YUV color 176.9460, -48.2874, 41.2664.



This preview shows how white text looks on a background with the YUV color 176.9460, -48.2874,



# 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

176.9460, -48.2874, 41.2664

### Protanopia

175.6940, -46.1911, 22.1934

### Deuteranopia

176.9460, -48.2874, 41.2664



## Tritanopia

183.9990, -4.9295, 41.2199

# Trichromacy



## Original Color

176.9460, -48.2874, 41.2664

## Protanomaly

176.2110, -46.9390, 28.7560

## Deuteranomaly

176.9460, -48.2874, 41.2664

## Tritanomaly

181.4600, -20.9328, 40.8156

# Monochromacy



## Original Color

176.9460, -48.2874, 41.2664

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

176.8050, -17.6519, 15.0800

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.9460, -48.2874, 41.2664 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(224, 172, 79)` looks like.

```
.text, #text, p{  
    color:rgb(224, 172, 79)  
}
```

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(224, 172, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 172, 79) }
```

## Border

The CSS property to change the border of an element to YUV 176.9460, -48.2874, 41.2664 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(224, 172, 79) }
```



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

```
.border{ border-color:rgb(224, 172, 79) }
```

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

Here you see how a box with a 4 pixel rgb(224, 172, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 172, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 172, 79);  
box-shadow:4px 4px 4px 4px rgb(224, 172,  
79) }
```

# Background

The CSS property to change the background color of an element to YUV 176.9460, -48.2874, 41.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 172, 79) }
```

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

```
.background{ background-color: rgb(224,  
172, 79) }
```

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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