

Converting Colors

YUV(175.7350, -48.1834,
54.6064)

Have a look what the booklet for
YUV(175.7350, -48.1834, 54.6064)
contains.

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Color

**YUV(175.7350, -48.1834,
54.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA34E
RGB	238, 163, 78
RGB Percent	93%, 64%, 31%
CMY	0.0667, 0.3608, 0.6941
CMYK	0.00, 0.32, 0.67, 0.07
HSL	32°, 82%, 62%
HSV	32°, 67%, 93%
XYZ	49.7322, 44.9216, 13.2573
YIQ	175.7350, 71.9850, -10.5350

Conversions

Conversions Part 2

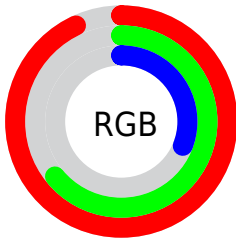
Format	Color
R _Y B	219, 238, 78
Decimal	15639374
CIE Lab	72.84, 19.97, 54.05
CIE LCh	73, 57.618, 69.717
Yxy	44.9216, 0.4609, 0.4163
Android (android.graphics.Color)	4293829454 (0xFFEEA34E)
YUV	175.7350, -48.1834, 54.6064
Hunter-Lab	67.0236, 15.1577, 35.1889

Details

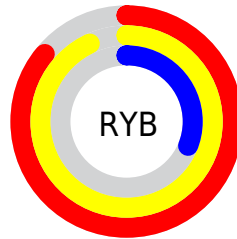
The YUV color **175.7350, -48.1834, 54.6064** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **140.2650, 48.1834, -54.6064**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0310, -43.8923, 31.5448**, and **121.2290, -47.4409, 49.7882** is the 20% darker color. If you saturate the color by 10%, you get **166.5420, -55.4832, 62.6687**, and if you desaturate by 10%, it is **184.9280, -40.8835, 46.5441**.

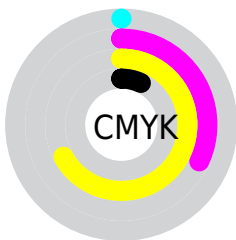
Distribution



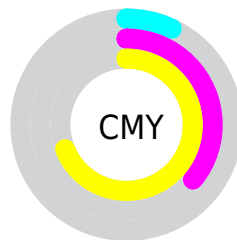
- Red (93%)
- Green (64%)
- Blue (31%)



- Red (86%)
- Yellow (93%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (67%)
- Black (7%)



- Cyan (7%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.7350, -48.1834, 54.6064 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 175.7350, -48.1834, 54.6064 by changing the saturation by 10% instead.

175.7350,
-48.1834, 54.6064

175.7350,
-48.1834, 54.6064

255.0000, 0.0000,
0.0000

148.5390,
-47.5937, 52.1473

219.0310,
-43.8923, 31.5448

121.2290,
-47.4409, 49.7882

238.5450,
-40.2017, 14.4310

95.3210, -46.9933,
46.1995

247.0200,
-30.5759, 6.9985

72.5620, -35.7731,
40.7261

250.2120,
-18.3455, 4.1991

51.2760, -25.2791,
34.8379

253.5180, -5.6784,
1.2997

29.9900, -14.7851,
28.9498

11.6610, -5.7489,

23.9763

■ 0.0000, 0.0000,
0.0000

■ 175.7350,
-48.1834, 54.6064

■ 175.7350,
-48.1834, 54.6064

■ 166.5420,
-55.4832, 62.6687

■ 184.9280,
-40.8835, 46.5441

■ 157.3490,
-62.7831, 70.7309

■ 194.1210,
-33.5837, 38.4819

■ 148.2700,
-69.6461, 78.6932

■ 203.2000,
-26.7206, 30.5196

■ 145.1240,
-71.5461, 81.4523

■ 212.9800,
-19.7101, 21.9425

■ 222.1730,
-12.4103, 13.8803

■ 231.3660, -5.1104,
5.8180

■ 240.5590, 2.1894,
-2.2442

■ 248.1560, 3.3741,
-8.9068

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



173.7690, -29.4661, 71.2396



175.7350, -48.1834, 54.6064



171.5210, -50.5429, 17.9601

Triad

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



175.7350, -48.1834, 54.6064



142.5650, 25.8505, -125.0295



183.1110, 35.4413, 19.1967

Complementary

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



175.7350, -48.1834, 54.6064



140.2650, 48.1834, -54.6064

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.



168.8270, 42.4833, -46.3293



175.7350, -48.1834, 54.6064



147.0910, 48.2691, -128.9988

Square

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



175.7350, -48.1834, 54.6064



147.6900, -3.7912, -90.9361



142.9480, 55.2416, -125.3654



182.5760, 16.9710, 63.5158

Rectangle

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



175.7350, -48.1834, 54.6064



168.1090, -42.4517, -10.6196



142.9480, 55.2416, -125.3654



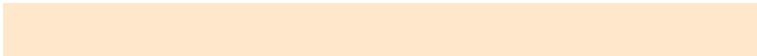
179.7450, 37.1007, 0.2236

Sweetspot

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



175.7350, -48.1834, 54.6064



235.0980, -15.3313, 17.4541



134.6180, 10.0483, 90.6660



115.6610, -9.1999, 10.8213



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.



175.7350, -48.1834, 54.6064



174.4630, -62.3463, 70.6309



218.8630, -69.4455, 14.1521



115.1100, -3.5052, 4.2885



112.5420, -55.4832, 62.6687



34.3540, -16.9365, 18.9835

Inverse Universe

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



140.2650, 48.1834, -54.6064



128.5370, 62.3463, -70.6309



97.1370, 69.4455, -14.1521



112.3030, 3.7946, -3.7737



71.4580, 55.4832, -62.6687



21.6460, 16.9365, -18.9835

Previews

White Background



This preview shows how the YUV color 175.7350, -48.1834, 54.6064 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 175.7350, -48.1834, 54.6064 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 175.7350, -48.1834, 54.6064 Background



This preview shows how black text looks on a background with the YUV color 175.7350, -48.1834, 54.6064.



This preview shows how white text looks on a background with the YUV color 175.7350, -48.1834,

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

175.7350, -48.1834, 54.6064

Protanopia

174.0360, -44.8807, 21.8934

Deuteranopia

174.8320, -48.7242, 41.3663



Tritanopia

182.1640, -8.4619, 54.2302

Trichromacy



Original Color

175.7350, -48.1834, 54.6064

Protanomaly

174.4720, -46.0817, 33.7891

Deuteranomaly

174.9790, -48.3036, 46.4994

Tritanomaly

179.6790, -23.0127, 54.6555

Monochromacy



Original Color

175.7350, -48.1834, 54.6064

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.8380, -17.6681, 20.3131

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.7350, -48.1834, 54.6064 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(238, 163, 78)` looks like.

```
.text, #text, p{  
    color:rgb(238, 163, 78)  
}
```

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(238, 163, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 163, 78) }
```

Border

The CSS property to change the border of an element to YUV 175.7350, -48.1834, 54.6064 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(238, 163, 78) }
```


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

```
.border{ border-color:rgb(238, 163, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 163, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 163, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 163, 78);  
box-shadow:4px 4px 4px 4px rgb(238, 163,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 175.7350, -48.1834, 54.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 163, 78) }
```

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

```
.background{ background-color: rgb(238,  
163, 78) }
```

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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