

Converting Colors

YUV(164.7350, -48.1834,
54.6064)

Have a look what the booklet for
YUV(164.7350, -48.1834, 54.6064)
contains.

YUV(164.7350, -48.1834, 54.6064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(164.7350, -48.1834,
54.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	E39843
RGB	227, 152, 67
RGB Percent	89%, 60%, 26%
CMY	0.1098, 0.4039, 0.7373
CMYK	0.00, 0.33, 0.70, 0.11
HSL	32°, 74%, 58%
HSV	32°, 70%, 89%
XYZ	43.9199, 39.1926, 10.5603
YIQ	164.7350, 71.9850, -10.5350

Conversions

Conversions Part 2

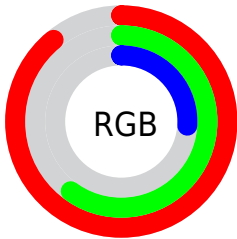
Format	Color
R _Y B	208, 227, 67
Decimal	14915651
CIE Lab	68.89, 20.65, 54.47
CIE LCh	69, 58.255, 69.242
Yxy	39.1926, 0.4689, 0.4184
Android (android.graphics.Color)	4293105731 (0xFFE39843)
YUV	164.7350, -48.1834, 54.6064
Hunter-Lab	62.6040, 15.6699, 33.8215

Details

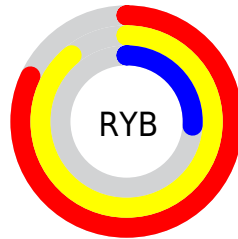
The YUV color **164.7350, -48.1834, 54.6064** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **129.2650, 48.1834, -54.6064**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7330, -45.2244, 38.8222**, and **110.3600, -49.4775, 49.6733** is the 20% darker color. If you saturate the color by 10%, you get **155.6560, -55.0464, 62.5687**, and if you desaturate by 10%, it is **173.8140, -41.3203, 46.6441**.

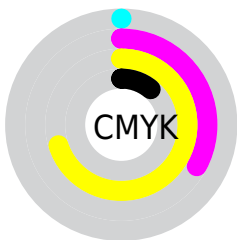
Distribution



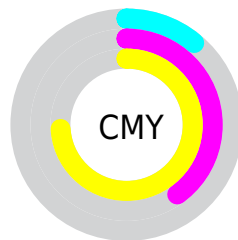
- Red (89%)
- Green (60%)
- Blue (26%)



- Red (82%)
- Yellow (89%)
- Blue (26%)



- Cyan (0%)
- Magenta (33%)
- Yellow (70%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7350, -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 164.7350, -48.1834, 54.6064 by changing the saturation by 10% instead.

164.7350,
-48.1834, 54.6064

164.7350,
-48.1834, 54.6064

255.0000, 0.0000,
0.0000

137.5390,
-47.5937, 52.1473

210.7330,
-45.2244, 38.8222

110.3600,
-49.4775, 49.6733

230.8340,
-41.8232, 21.1936

86.4610, -42.6253,
45.1997

245.6520,
-35.8174, 8.1982

64.2890, -31.6945,
39.2115

248.8440,
-23.5871, 5.3988

43.0030, -21.2005,
33.3234

252.1500,
-10.9200, 2.4994

22.0160, -10.8539,
28.0500

8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 164.7350,
-48.1834, 54.6064

■ 164.7350,
-48.1834, 54.6064

■ 155.6560,
-55.0464, 62.5687

■ 173.8140,
-41.3203, 46.6441

■ 147.2780,
-61.7621, 69.9162

■ 182.1920,
-34.6047, 39.2966

■ 138.9000,
-68.4777, 77.2637

■ 191.2710,
-27.7416, 31.3343

■ 200.3500,
-20.8785, 23.3721

■ 208.7280,
-14.1629, 16.0245

■ 217.8070, -7.2999,
8.0623

■ 226.2990, -0.1474,
0.6148

■ 235.3780, 6.7156,
-7.3475

■ 242.5190, 6.1531,
-13.6102

Harmonies

Analogous

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



165.5850, -30.3614, 78.4170



164.7350, -48.1834, 54.6064



161.1790, -51.8532, 18.2600

Triad

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



164.7350, -48.1834, 54.6064



134.7400, 23.7922, -118.1670



172.4960, 38.2095, 17.9820

Complementary

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



164.7350, -48.1834, 54.6064



129.2650, 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.



157.2870, 48.1725, -51.1177



164.7350, -48.1834, 54.6064



139.2660, 46.2109, -122.1363

Square

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



164.7350, -48.1834, 54.6064



132.8030, -1.8749, -98.9282



137.0780, 58.1355, -120.2174



171.9890, 17.2604, 64.0306

Rectangle

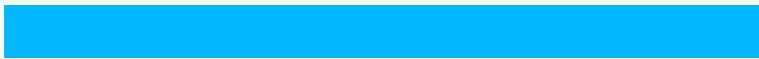
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



164.7350, -48.1834, 54.6064



156.9950, -42.8885, -10.5196



137.0780, 58.1355, -120.2174



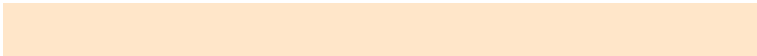
169.9880, 41.9109, -2.6205

Sweetspot

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



164.7350, -48.1834, 54.6064



234.1690, -16.3523, 18.2688



123.6180, 10.0483, 90.6660



115.5470, -9.6367, 10.9213



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.



164.7350, -48.1834, 54.6064



170.3880, -65.2673, 74.2047



207.8630, -69.4455, 14.1521



110.1100, -3.5052, 4.2885



109.2860, -53.8780, 61.1392



31.0980, -15.3313, 17.4541

Inverse Universe

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



129.2650, 48.1834, -54.6064



122.6120, 65.2673, -74.2047



86.1370, 69.4455, -14.1521



107.8900, 3.5052, -4.2885



69.7140, 53.8780, -61.1392



19.9020, 15.3313, -17.4541

Previews

White Background



This preview shows how the YUV color 164.7350, -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 164.7350, -48.1834, 54.6064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

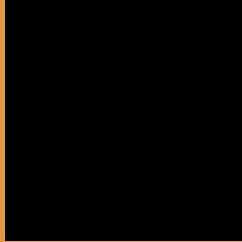
Any Text WCAG AA ✓ Pass

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 164.7350, -48.1834, 54.6064 Background



This preview shows how black text looks on a background with the YUV color 164.7350, -48.1834, 54.6064.



This preview shows how white text looks on a background with the YUV color 164.7350, -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

164.7350, -48.1834, 54.6064

Protanopia

163.3240, -45.0227, 20.7639

Deuteranopia

164.1200, -48.8662, 40.2368



Tritanopia

171.1640, -8.4619, 54.2302

Trichromacy



Original Color

164.7350, -48.1834, 54.6064

Protanomaly

164.0590, -46.3711, 33.2743

Deuteranomaly

164.2670, -48.4456, 45.3698

Tritanomaly

168.6790, -23.0127, 54.6555

Monochromacy



Original Color

164.7350, -48.1834, 54.6064

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8380, -17.6681, 20.3131

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7350, -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(227, 152, 67)` looks like.

```
.text, #text, p{  
    color:rgb(227, 152, 67)  
}
```

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(227, 152, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 152, 67) }
```

Border

The CSS property to change the border of an element to YUV 164.7350, -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(227, 152, 67) }
```


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

```
.border{ border-color:rgb(227, 152, 67) }
```

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

Here you see how a box with a 4 pixel rgb(227, 152, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 152, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 152, 67);  
box-shadow:4px 4px 4px 4px rgb(227, 152,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 164.7350, -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(227, 152, 67) }
```

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

```
.background{ background-color: rgb(227,  
152, 67) }
```

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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