

Converting Colors

YUV(174.0270, -44.3833,
49.0883)

Have a look what the booklet for
YUV(174.0270, -44.3833, 49.0883)
contains.

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Color

**YUV(174.0270, -44.3833,
49.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A354
RGB	230, 163, 84
RGB Percent	90%, 64%, 33%
CMY	0.0980, 0.3608, 0.6706
CMYK	0.00, 0.29, 0.63, 0.10
HSL	32°, 74%, 62%
HSV	32°, 63%, 90%
XYZ	47.3306, 43.6575, 14.3196
YIQ	174.0270, 65.2910, -10.3650

Conversions

Conversions Part 2

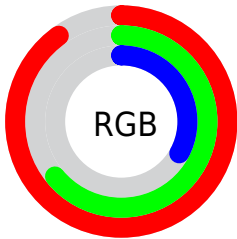
Format	Color
R_{YB}	208, 230, 84
Decimal	15115092
CIE _{Lab}	72.00, 17.01, 50.01
CIE _{LCh}	72, 52.827, 71.220
Yxy	43.6575, 0.4495, 0.4146
Android (android.graphics.Color)	4293305172 (0xFFE6A354)
YUV	174.0270, -44.3833, 49.0883
Hunter-Lab	66.0738, 12.2355, 33.4022

Details

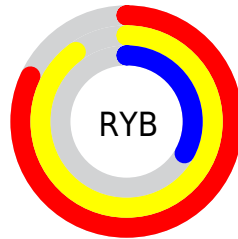
The YUV color **174.0270, -44.3833, 49.0883** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **139.9730, 44.3833, -49.0883**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7150, -41.2715, 30.9449**, and **119.7490, -42.7673, 44.0701** is the 20% darker color. If you saturate the color by 10%, you get **164.9480, -51.2464, 57.0506**, and if you desaturate by 10%, it is **183.1060, -37.5203, 41.1260**.

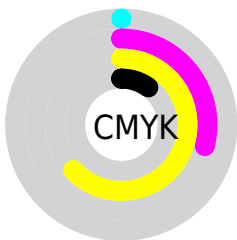
Distribution



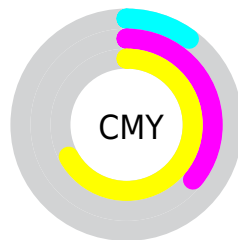
- Red (90%)
- Green (64%)
- Blue (33%)



- Red (82%)
- Yellow (90%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (63%)
- Black (10%)



- Cyan (10%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0270, -44.3833, 49.0883 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 174.0270, -44.3833, 49.0883 by changing the saturation by 10% instead.

174.0270,
-44.3833, 49.0883

174.0270,
-44.3833, 49.0883

255.0000, 0.0000,
0.0000

146.9450,
-43.3569, 46.5292

219.7150,
-41.2715, 30.9449

119.7490,
-42.7673, 44.0701

239.2290,
-37.5809, 13.8312

93.4560, -45.0878,
41.6961

247.7040,
-27.9551, 6.3986

70.7680, -34.8886,
37.0375

250.8960,
-15.7247, 3.5992

49.4820, -24.3946,
31.1493

254.2020, -3.0576,
0.6998

29.0820, -14.3374,
25.3611

10.4650, -5.1592,

21.5172

■ 0.0000, 0.0000,
0.0000

■ 174.0270,
-44.3833, 49.0883

■ 174.0270,
-44.3833, 49.0883

■ 164.9480,
-51.2464, 57.0506

■ 183.1060,
-37.5203, 41.1260

■ 156.4560,
-58.3988, 64.4981

■ 191.5980,
-30.3678, 33.6786

■ 147.3770,
-65.2619, 72.4604

■ 200.6770,
-23.5048, 25.7163

■ 141.5580,
-69.7881, 77.5636

■ 209.1690,
-16.3523, 18.2688

■ 218.2480, -9.4893,
10.3065

■ 226.7400, -2.3368,
2.8590

■ 235.8190, 4.5262,
-5.1033

■ 242.8290, 6.0003,
-11.2510

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



175.0570, -29.6081, 70.1100



174.0270, -44.3833, 49.0883



170.4650, -45.5852, 14.5012

Triad

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



174.0270, -44.3833, 49.0883



140.1030, 26.5712, -122.8703



181.5410, 33.2573, 19.6965

Complementary

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



174.0270, -44.3833, 49.0883



139.9730, 44.3833, -49.0883

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.



169.7680, 42.0194, -37.5075



174.0270, -44.3833, 49.0883



143.4720, 47.0953, -125.8249

Square

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



174.0270, -44.3833, 49.0883



150.5710, -3.2395, -81.1848



140.6000, 56.3992, -123.3062



180.7560, 13.9243, 60.7270

Rectangle

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



174.0270, -44.3833, 49.0883



166.3630, -37.6470, -11.7194



140.6000, 56.3992, -123.3062



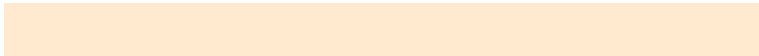
179.1690, 37.3847, 2.4828

Sweetspot

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



174.0270, -44.3833, 49.0883



236.6140, -14.5997, 16.1245



135.4060, 8.1808, 82.9589



116.3620, -9.0525, 10.2065



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.



174.0270, -44.3833, 49.0883



180.6410, -58.9830, 65.2128



211.8610, -63.0355, 11.5229



110.1100, -3.5052, 4.2885



110.4600, -54.4568, 60.1096



31.6850, -15.6207, 16.9393

Inverse Universe

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



139.9730, 44.3833, -49.0883



135.3590, 58.9830, -65.2128



102.1390, 63.0355, -11.5229



107.8900, 3.5052, -4.2885



68.5400, 54.4568, -60.1096



19.3150, 15.6207, -16.9393

Previews

White Background



This preview shows how the YUV color 174.0270, -44.3833, 49.0883 looks on a white background.

Color Contrast Check

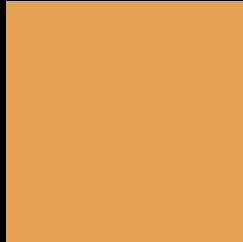
Large Text (above 18pt) WCAG AA × Fail

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 174.0270, -44.3833, 49.0883 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 174.0270, -44.3833, 49.0883

Background



This preview shows how black text looks on a background with the YUV color 174.0270, -44.3833, 49.0883.



This preview shows how white text looks on a background with the YUV color 174.0270, -44.3833,

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

174.0270, -44.3833, 49.0883

Protanopia

172.3500, -41.0916, 19.8640

Deuteranopia

173.2600, -44.4982, 39.2370



Tritanopia

179.7720, -7.2826, 49.3120

Trichromacy



Original Color

174.0270, -44.3833, 49.0883

Protanomaly

173.0740, -42.4345, 30.6301

Deuteranomaly

173.2820, -44.5090, 42.7257

Tritanomaly

177.6290, -20.5231, 49.4374

Monochromacy



Original Color

174.0270, -44.3833, 49.0883

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8700, -16.2049, 17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0270, -44.3833, 49.0883 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(230, 163, 84)` looks like.

```
.text, #text, p{  
    color:rgb(230, 163, 84)  
}
```

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(230, 163, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 163, 84) }
```

Border

The CSS property to change the border of an element to YUV 174.0270, -44.3833, 49.0883 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(230, 163, 84) }
```


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

```
.border{ border-color:rgb(230, 163, 84) }
```

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

Here you see how a box with a 4 pixel rgb(230, 163, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 163, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 163, 84);  
box-shadow:4px 4px 4px 4px rgb(230, 163,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 174.0270, -44.3833, 49.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 163, 84) }
```

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

```
.background{ background-color: rgb(230,  
163, 84) }
```

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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