

Converting Colors

YUV(176.9320, -43.8435,
15.8456)

Have a look what the booklet for
YUV(176.9320, -43.8435, 15.8456)
contains.

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Color

**YUV(176.9320, -43.8435,
15.8456)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B958
RGB	195, 185, 88
RGB Percent	76%, 73%, 35%
CMY	0.2353, 0.2745, 0.6549
CMYK	0.00, 0.05, 0.55, 0.24
HSL	54°, 47%, 55%
HSV	54°, 55%, 76%
XYZ	41.6161, 47.0046, 16.1119
YIQ	176.9320, 37.0970, -28.0470

Conversions

Conversions Part 2

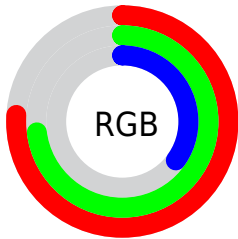
Format	Color
R_{YB}	99, 195, 88
Decimal	12826968
CIE Lab	74.19, -9.09, 49.72
CIE LCh	74, 50.543, 100.358
Yxy	47.0046, 0.3974, 0.4488
Android (android.graphics.Color)	4291017048 (0xFFC3B958)
YUV	176.9320, -43.8435, 15.8456
Hunter-Lab	68.5599, -11.6297, 34.0585

Details

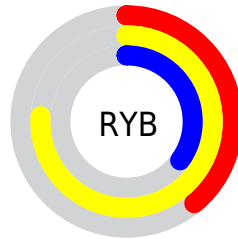
The YUV color **176.9320, -43.8435, 15.8456** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **106.0680, 43.8435, -15.8456**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1880, -45.4487, 17.3751**, and **123.1490, -42.9645, 13.9013** is the 20% darker color. If you saturate the color by 10%, you get **173.5920, -51.5639, 18.7748**, and if you desaturate by 10%, it is **180.3860, -35.6863, 12.8165**.

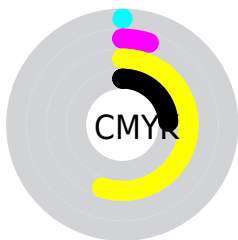
Distribution



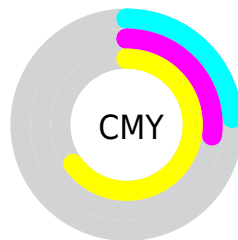
- Red (76%)
- Green (73%)
- Blue (35%)



- Red (39%)
- Yellow (76%)
- Blue (35%)



- Cyan (0%)
- Magenta (5%)
- Yellow (55%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9320, -43.8435, 15.8456 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 176.9320, -43.8435, 15.8456 by changing the saturation by 10% instead.

■ 176.9320,
-43.8435, 15.8456

■ 176.9320,
-43.8435, 15.8456

255.0000, 0.0000,
0.0000

■ 149.7470,
-43.2593, 15.1309

■ 233.1880,
-45.4487, 17.3751

■ 123.1490,
-42.9645, 13.9013

■ 245.0820,
-38.0014, 8.6981

■ 96.6390, -46.1640,
13.4716

■ 248.2740,
-25.7711, 5.8987

■ 74.1360, -36.5490,
9.5277

■ 251.4660,
-13.5407, 3.0993

■ 53.1600, -26.2079,
5.9987

254.7720, -0.8736,
0.2000

■ 33.3580, -16.4455,
1.4400

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 176.9320,
-43.8435, 15.8456

■ 176.9320,
-43.8435, 15.8456

■ 173.5920,
-51.5639, 18.7748

■ 180.3860,
-35.6863, 12.8165

■ 170.1380,
-59.7210, 21.8040

■ 183.7260,
-27.9659, 9.8873

■ 167.3850,
-67.7308, 24.2184

■ 186.5930,
-19.5193, 7.3729

■ 163.9310,
-75.8880, 27.2475

■ 189.9330,
-11.7990, 4.4438

■ 162.2040,
-79.9666, 28.7621

■ 193.3870, -3.6418,
1.4146

■ 196.7270, 4.0786,
-1.5146

■ 200.0670, 11.7990,
-4.4438

■ 203.5210, 19.9561,
-7.4729

■ 205.3620, 24.4715,
-9.0875

Harmonies

Analogous

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



180.4830, -42.6361, 48.6884



176.9320, -43.8435, 15.8456



171.1210, -30.6257, -23.7851

Triad

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



176.9320, -43.8435, 15.8456



147.2220, 46.2326, -129.1137



187.3210, 13.6457, 56.7235

Complementary

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



176.9320, -43.8435, 15.8456



106.0680, 43.8435, -15.8456

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.



187.0030, 32.5365, 17.5374



176.9320, -43.8435, 15.8456



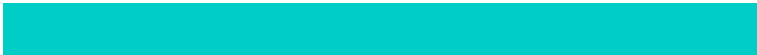
144.1220, 54.6629, -126.3950

Square

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



176.9320, -43.8435, 15.8456



143.4940, 26.8715, -125.8442



176.2690, 38.8144, -36.1929



179.9250, -5.8790, 65.8408

Rectangle

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



176.9320, -43.8435, 15.8456



164.7610, -14.6722, -54.1644



176.2690, 38.8144, -36.1929



187.6770, 20.3722, 45.8873

Sweetspot

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



176.9320, -43.8435, 15.8456



245.6790, -16.6037, 5.5435



121.2470, -10.9678, 64.6814



123.3890, -10.0518, 4.0438



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.



176.9320, -43.8435, 15.8456



224.2710, -68.1676, 24.3183



169.9450, -40.3989, -15.7378



95.2730, -4.0786, 1.5146



133.8410, -65.9836, 23.8184



27.4770, -13.5462, 4.8437

Inverse Universe

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



106.0680, 43.8435, -15.8456



113.7290, 68.1676, -24.3183



113.0550, 40.3989, 15.7378



88.7270, 4.0786, -1.5146



27.1590, 65.9836, -23.8184



5.5230, 13.5462, -4.8437

Previews

White Background



This preview shows how the YUV color 176.9320, -43.8435, 15.8456 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 176.9320, -43.8435, 15.8456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

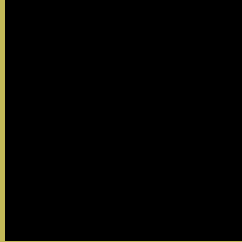
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.9320, -43.8435, 15.8456

Background



This preview shows how black text looks on a background with the YUV color 176.9320, -43.8435, 15.8456.



This preview shows how white text looks on a background with the YUV color 176.9320, -43.8435, 15.8456.

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

176.9320, -43.8435, 15.8456

Protanopia

177.7370, -44.7333, 21.2787

Deuteranopia

179.4880, -43.6246, 39.0370



Tritanopia

184.8650, 1.5456, 17.6584

Trichromacy



Original Color

176.9320, -43.8435, 15.8456

Protanomaly

177.4270, -44.5805, 18.9195

Deuteranomaly

178.4330, -43.5975, 30.3153

Tritanomaly

181.9130, -14.7471, 16.7393

Monochromacy



Original Color

176.9320, -43.8435, 15.8456

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.2060, -15.8776, 5.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9320, -43.8435, 15.8456 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(195, 185, 88)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 88)  
}
```

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(195, 185, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 88) }
```

Border

The CSS property to change the border of an element to YUV 176.9320, -43.8435, 15.8456 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(195, 185, 88) }
```


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

```
.border{ border-color:rgb(195, 185, 88) }
```

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

Here you see how a box with a 4 pixel rgb(195, 185, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 88);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 176.9320, -43.8435, 15.8456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 88) }
```

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

```
.background{ background-color: rgb(195,  
185, 88) }
```

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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