

Converting Colors

YUV(176.5000, -45.1095,
48.6735)

Have a look what the booklet for
YUV(176.5000, -45.1095, 48.6735)
contains.

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Color

**YUV(176.5000, -45.1095,
48.6735)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A655
RGB	232, 166, 85
RGB Percent	91%, 65%, 33%
CMY	0.0902, 0.3490, 0.6667
CMYK	0.00, 0.28, 0.63, 0.09
HSL	33°, 76%, 62%
HSV	33°, 63%, 91%
XYZ	48.5546, 45.0841, 14.7373
YIQ	176.5000, 65.3370, -11.1990

Conversions

Conversions Part 2

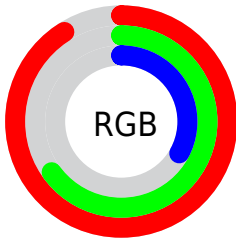
Format	Color
R_{YB}	205, 232, 85
Decimal	15246933
CIE _{Lab}	72.95, 16.31, 50.67
CIE _{LCh}	73, 53.229, 72.161
Yxy	45.0841, 0.4480, 0.4160
Android (android.graphics.Color)	4293437013 (0xFFE8A655)
YUV	176.5000, -45.1095, 48.6735
Hunter-Lab	67.1447, 11.5762, 33.9880

Details

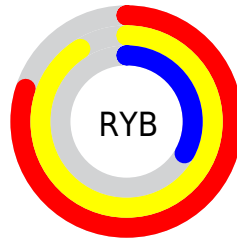
The YUV color **176.5000, -45.1095, 48.6735** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **140.5000, 45.1095, -48.6735**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5900, -41.7029, 29.3006**, and **122.2220, -43.4934, 43.6553** is the 20% darker color. If you saturate the color by 10%, you get **168.0080, -52.2619, 56.1210**, and if you desaturate by 10%, it is **184.9920, -37.9571, 41.2260**.

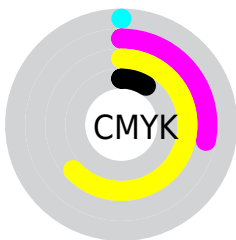
Distribution



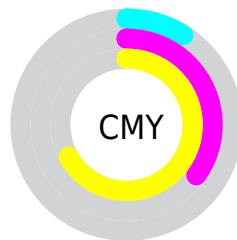
- Red (91%)
- Green (65%)
- Blue (33%)



- Red (80%)
- Yellow (91%)
- Blue (33%)



- Cyan (0%)
- Magenta (28%)
- Yellow (63%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5000, -45.1095, 48.6735 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 176.5000, -45.1095, 48.6735 by changing the saturation by 10% instead.

176.5000,
-45.1095, 48.6735

176.5000,
-45.1095, 48.6735

255.0000, 0.0000,
0.0000

149.4180,
-44.0831, 46.1144

221.5900,
-41.7029, 29.3006

122.2220,
-43.4934, 43.6553

241.6910,
-38.3017, 11.6720

95.8150, -46.2508,
41.3812

247.8180,
-27.5183, 6.2986

73.1270, -36.0516,
36.7226

251.0100,
-15.2879, 3.4992

51.8410, -25.5576,
30.8344

254.3160, -2.6208,
0.5999

31.4410, -15.5004,
25.0462

10.7640, -5.3067,

22.1320

■ 0.0000, 0.0000,
0.0000

■ 176.5000,
-45.1095, 48.6735

■ 176.5000,
-45.1095, 48.6735

■ 168.0080,
-52.2619, 56.1210

■ 184.9920,
-37.9571, 41.2260

■ 158.9290,
-59.1250, 64.0833

■ 194.0710,
-31.0940, 33.2637

■ 150.3230,
-66.7142, 71.6307

■ 202.6770,
-23.5048, 25.7163

■ 144.5040,
-71.2405, 76.7340

■ 211.7560,
-16.6417, 17.7540

■ 220.2480, -9.4893,
10.3065

■ 228.7400, -2.3368,
2.8590

■ 237.8190, 4.5262,
-5.1033

■ 244.6010, 5.1267,
-11.0511

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



176.3450, -29.7501, 68.9804



176.5000, -45.1095, 48.6735



173.0520, -45.8746, 13.9864

Triad

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



176.5000, -45.1095, 48.6735



142.3200, 27.4502, -124.8146



183.9650, 33.5413, 21.9557

Complementary

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



176.5000, -45.1095, 48.6735



140.5000, 45.1095, -48.6735

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.



172.7360, 40.5562, -34.8485



176.5000, -45.1095, 48.6735



145.6890, 47.9743, -127.7693

Square

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



176.5000, -45.1095, 48.6735



152.1900, -2.0657, -84.3586



141.7740, 55.8204, -124.3358



183.2400, 13.1927, 62.0565

Rectangle

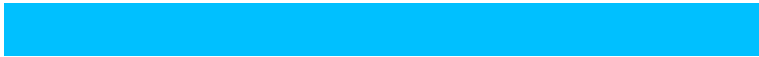
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



176.5000, -45.1095, 48.6735



168.7650, -37.3521, -12.9489



141.7740, 55.8204, -124.3358



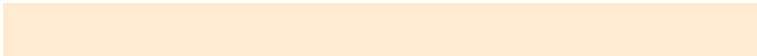
181.8380, 36.0689, 4.5271

Sweetspot

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



176.5000, -45.1095, 48.6735



236.6140, -14.5997, 16.1245



136.4770, 7.1598, 83.7737



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.



176.5000, -45.1095, 48.6735



181.8150, -59.5618, 64.1832



213.1490, -63.1775, 10.3933



110.6970, -3.7946, 3.7737



111.0470, -54.7462, 59.5948



31.6850, -15.6207, 16.9393

Inverse Universe

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



140.5000, 45.1095, -48.6735



134.1850, 59.5618, -64.1832



103.8510, 63.1775, -10.3933



107.3030, 3.7946, -3.7737



67.3660, 55.0356, -59.0800



19.3150, 15.6207, -16.9393

Previews

White Background



This preview shows how the YUV color 176.5000, -45.1095, 48.6735 looks on a white background.

Color Contrast Check

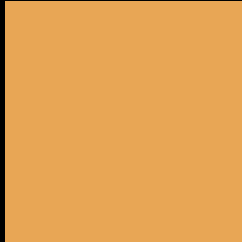
Large Text (above 18pt) WCAG AA × Fail

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 176.5000, -45.1095, 48.6735 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 176.5000, -45.1095, 48.6735

Background



This preview shows how black text looks on a background with the YUV color 176.5000, -45.1095, 48.6735.



This preview shows how white text looks on a background with the YUV color 176.5000, -45.1095,

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

176.5000, -45.1095, 48.6735

Protanopia

175.0080, -42.4019, 20.1640

Deuteranopia

176.3310, -45.5192, 40.0517



Tritanopia

182.4730, -7.1352, 48.6972

Trichromacy



Original Color

176.5000, -45.1095, 48.6735

Protanomaly

175.5470, -43.1607, 30.2153

Deuteranomaly

176.3530, -45.5300, 43.5404

Tritanomaly

180.2160, -20.8125, 48.9226

Monochromacy



Original Color

176.5000, -45.1095, 48.6735

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8700, -16.2049, 17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5000, -45.1095, 48.6735 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(232, 166, 85)` looks like.

```
.text, #text, p{  
    color:rgb(232, 166, 85)  
}
```

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(232, 166, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 166, 85) }
```

Border

The CSS property to change the border of an element to YUV 176.5000, -45.1095, 48.6735 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(232, 166, 85) }
```


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

```
.border{ border-color:rgb(232, 166, 85) }
```

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

Here you see how a box with a 4 pixel rgb(232, 166, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 166, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 166, 85);  
box-shadow:4px 4px 4px 4px rgb(232, 166,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 176.5000, -45.1095, 48.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 166, 85) }
```

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

```
.background{ background-color: rgb(232,  
166, 85) }
```

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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