

Converting Colors

YUV(176.4450, -45.0824,
39.9517)

Have a look what the booklet for
YUV(176.4450, -45.0824, 39.9517)
contains.

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Color

**YUV(176.4450, -45.0824,
39.9517)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAB55
RGB	222, 171, 85
RGB Percent	87%, 67%, 33%
CMY	0.1294, 0.3294, 0.6667
CMYK	0.00, 0.23, 0.62, 0.13
HSL	38°, 67%, 60%
HSV	38°, 62%, 87%
XYZ	46.3268, 45.3113, 14.8986
YIQ	176.4450, 58.0020, -15.9340

Conversions

Conversions Part 2

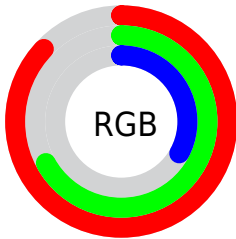
Format	Color
R _Y B	166, 222, 85
Decimal	14592853
CIE Lab	73.10, 9.45, 50.55
CIE LCh	73, 51.431, 79.407
Yxy	45.3113, 0.4348, 0.4253
Android (android.graphics.Color)	4292782933 (0xFFDEAB55)
YUV	176.4450, -45.0824, 39.9517
Hunter-Lab	67.3137, 5.0489, 33.9969

Details

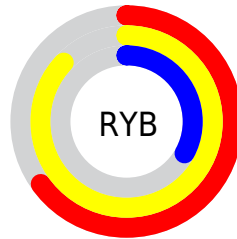
The YUV color **176.4450, -45.0824, 39.9517** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **130.5550, 45.0824, -39.9517**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5250, -43.1498, 26.7266**, and **122.3520, -44.0505, 35.6483** is the 20% darker color. If you saturate the color by 10%, you get **169.2410, -52.3768, 46.2696**, and if you desaturate by 10%, it is **183.6490, -37.7880, 33.6338**.

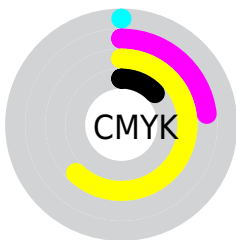
Distribution



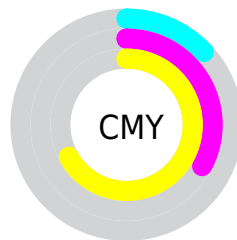
- Red (87%)
- Green (67%)
- Blue (33%)



- Red (65%)
- Yellow (87%)
- Blue (33%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.4450, -45.0824, 39.9517 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 176.4450, -45.0824, 39.9517 by changing the saturation by 10% instead.

■ 176.4450,
-45.0824, 39.9517

■ 176.4450,
-45.0824, 39.9517

■ 255.0000, 0.0000,
0.0000

■ 149.3630,
-44.0560, 37.3926

■ 224.5250,
-43.1498, 26.7266

■ 122.3520,
-44.0505, 35.6483

■ 244.6260,
-39.7486, 9.0980

■ 95.6570, -46.6659,
34.5038

■ 247.8180,
-27.5183, 6.2986

■ 73.6700, -36.3193,
29.2304

■ 251.0100,
-15.2879, 3.4992

■ 52.6830, -25.9727,
23.9570

■ 254.3160, -2.6208,
0.5999

■ 32.2830, -15.9155,
18.1688

■ 10.7310, -5.2904,

16.8989

■ 0.0000, 0.0000,
0.0000

■ 176.4450,
-45.0824, 39.9517

■ 176.4450,
-45.0824, 39.9517

■ 169.2410,
-52.3768, 46.2696

■ 183.6490,
-37.7880, 33.6338

■ 161.4500,
-59.3819, 53.1023

■ 191.4400,
-30.7829, 26.8011

■ 154.1320,
-67.1131, 59.5202

■ 198.7580,
-23.0517, 20.3832

■ 147.9710,
-72.9497, 64.9234

■ 205.9620,
-15.7573, 14.0653

■ 213.1660, -8.4628,
7.7474

■ 220.9570, -1.4578,
0.9147

■ 228.1610, 5.8366,
-5.4032

■ 234.5670, 10.0735,
-11.0213

■ 239.2630, 7.7583,
-15.1397

Harmonies

Analogous

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



178.8840, -33.9598, 65.8767



176.4450, -45.0824, 39.9517



172.0230, -41.9163, 4.3648

Triad

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



176.4450, -45.0824, 39.9517



142.9870, 32.5444, -125.3996



184.5380, 27.8358, 31.9772

Complementary

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



176.4450, -45.0824, 39.9517



130.5550, 45.0824, -39.9517

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.



177.8520, 38.0340, -19.1642



176.4450, -45.0824, 39.9517



145.3130, 51.6107, -127.4395

Square

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



176.4450, -45.0824, 39.9517



146.1970, 7.2979, -101.0278



151.9730, 50.7923, -98.2003



182.1710, 7.8037, 63.8710

Rectangle

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



176.4450, -45.0824, 39.9517



168.1920, -31.6467, -22.9704



151.9730, 50.7923, -98.2003



184.0460, 33.9943, 16.6227

Sweetspot

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



176.4450, -45.0824, 39.9517



238.9620, -15.7573, 14.0653



132.0050, 2.9555, 78.9256



118.1230, -9.9206, 8.6621



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.



176.4450, -45.0824, 39.9517



192.3640, -62.2975, 54.9318



201.5980, -57.4828, 3.8606



108.3980, -3.6472, 3.1590



117.1940, -57.7766, 51.5729



31.9620, -15.7573, 14.0653

Inverse Universe

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



130.5550, 45.0824, -39.9517



129.2230, 62.0081, -55.4466



105.4020, 57.4828, -3.8606



104.6020, 3.6472, -3.1590



58.2190, 58.0660, -51.0581



16.0380, 15.7573, -14.0653

Previews

White Background



This preview shows how the YUV color 176.4450, -45.0824, 39.9517 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 176.4450, -45.0824, 39.9517 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 176.4450, -45.0824, 39.9517

Background



This preview shows how black text looks on a background with the YUV color 176.4450, -45.0824, 39.9517.



This preview shows how white text looks on a background with the YUV color 176.4450, -45.0824, 39.9517.

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

176.4450, -45.0824, 39.9517

Protanopia

175.1930, -42.9861, 20.8787

Deuteranopia

176.4450, -45.0824, 39.9517



Tritanopia

182.8140, -4.3453, 40.5051

Trichromacy



Original Color

176.4450, -45.0824, 39.9517

Protanomaly

175.7100, -43.7340, 27.4413

Deuteranomaly

176.4450, -45.0824, 39.9517

Tritanomaly

180.6170, -19.0382, 39.8009

Monochromacy



Original Color

176.4450, -45.0824, 39.9517

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1470, -16.3415, 14.7801

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4450, -45.0824, 39.9517 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(222, 171, 85)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 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(222, 171, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 85) }
```

Border

The CSS property to change the border of an element to YUV 176.4450, -45.0824, 39.9517 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(222, 171, 85) }
```


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

```
.border{ border-color:rgb(222, 171, 85) }
```

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

Here you see how a box with a 4 pixel rgb(222, 171, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 85);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 176.4450, -45.0824, 39.9517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 85) }
```

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

```
.background{ background-color: rgb(222,  
171, 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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