

Converting Colors

YUV(145.6770, -33.3648,
61.6733)

Have a look what the booklet for
YUV(145.6770, -33.3648, 61.6733)
contains.

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Color

**YUV(145.6770, -33.3648,
61.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	D87B4E
RGB	216, 123, 78
RGB Percent	85%, 48%, 31%
CMY	0.1529, 0.5176, 0.6941
CMYK	0.00, 0.43, 0.64, 0.15
HSL	20°, 64%, 58%
HSV	20°, 64%, 85%
XYZ	36.7770, 29.3149, 10.9277
YIQ	145.6770, 69.8730, 5.7210

Conversions

Conversions Part 2

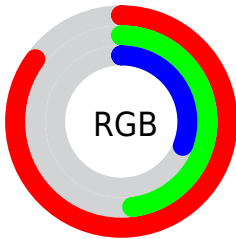
Format	Color
RYB	216, 145, 78
Decimal	14187342
CIELab	61.06, 32.20, 39.92
CIElCh	61, 51.284, 51.108
Yxy	29.3149, 0.4775, 0.3806
Android (android.graphics.Color)	4292377422 (0xFFD87B4E)
YUV	145.6770, -33.3648, 61.6733
Hunter-Lab	54.1432, 26.4961, 25.9338

Details

The YUV color **145.6770, -33.3648, 61.6733** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **148.3230, 33.3648, -61.6733**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1490, -32.6115, 53.3663**, and **93.0290, -30.5803, 55.2256** is the 20% darker color. If you saturate the color by 10%, you get **134.3640, -38.6335, 71.5948**, and if you desaturate by 10%, it is **156.9900, -28.0961, 51.7518**.

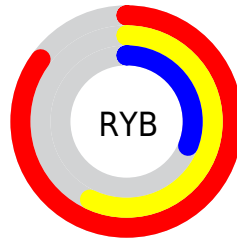
Distribution



Red (85%)

Green (48%)

Blue (31%)



Red (85%)

Yellow (57%)

Blue (31%)

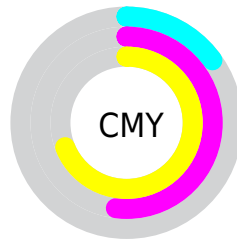


Cyan (0%)

Magenta (43%)

Yellow (64%)

Black (15%)



Cyan (15%)

Magenta (52%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.6770, -33.3648, 61.6733 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 145.6770, -33.3648, 61.6733 by changing the saturation by 10% instead.


 145.6770,
-33.3648, 61.6733


 145.6770,
-33.3648, 61.6733


255.0000, 0.0000,
0.0000


 118.7090,
-31.9015, 59.0142


 194.1490,
-32.6115, 53.3663

 93.0290, -30.5803,
55.2256


 213.6630,
-28.9209, 36.2525


 66.8330, -29.9907,
52.7665


 233.7640,
-25.5197, 18.6240

 43.6890, -21.5387,
48.5077

 249.8700,
-19.6559, 4.4990

 20.9300, -10.3185,
43.0344

 253.0620, -7.4256,
1.6996

 13.8680, -6.3439,
28.1798

 0.0000, 0.0000,

0.0000

■ 145.6770,
-33.3648, 61.6733

■ 145.6770,
-33.3648, 61.6733

■ 134.3640,
-38.6335, 71.5948

■ 156.9900,
-28.0961, 51.7518

■ 123.7520,
-43.7547, 80.9015

■ 167.6020,
-22.9748, 42.4450

■ 112.4390,
-49.0234, 90.8230

■ 178.9150,
-17.7061, 32.5235

■ 105.6740,
-52.0973, 96.7559

■ 189.5270,
-12.5848, 23.2168

■ 200.8400, -7.3161,
13.2953

■ 211.5660, -1.7580,
3.8886

■ 222.7650, 3.0739,
-5.9329

■ 233.4910, 8.6319,
-15.3396

■ 242.7520, 6.0383,
-23.4615

Harmonies

Analogous

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



146.3900, -14.4893, 74.2030



145.6770, -33.3648, 61.6733



143.3520, -44.0505, 35.6483

Triad

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



145.6770, -33.3648, 61.6733



114.2510, 8.7503, -100.1981



147.1880, 41.8123, -17.7049

Complementary

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



145.6770, -33.3648, 61.6733



148.3230, 33.3648, -61.6733

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.



118.5900, 58.3761, -104.0034



145.6770, -33.3648, 61.6733



120.1960, 28.9904, -105.4119

Square

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



145.6770, -33.3648, 61.6733



132.3130, -21.8463, -39.7395



122.1800, 46.7463, -107.1519



151.7940, 26.2306, 33.5067

Rectangle

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



145.6770, -33.3648, 61.6733



141.0350, -43.4013, 14.0013



122.1800, 46.7463, -107.1519



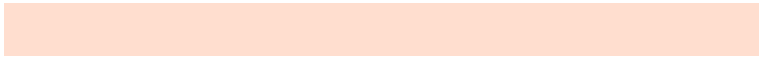
141.8970, 46.3928, -40.2517

Sweetspot

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



145.6770, -33.3648, 61.6733



230.1570, -11.4164, 21.7873



129.9780, 20.7168, 75.4413



112.8400, -7.3161, 13.2953



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.



145.6770, -33.3648, 61.6733



155.1720, -47.4128, 87.5492



185.5930, -53.0433, 26.6669



101.6370, -2.7790, 4.7034



84.0010, -41.4125, 76.2981



21.0750, -10.3900, 19.2282

Inverse Universe

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



148.3230, 33.3648, -61.6733



158.8280, 47.4128, -87.5492



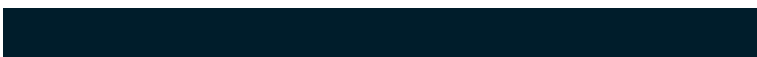
108.4070, 53.0433, -26.6669



101.9500, 2.4897, -5.2181



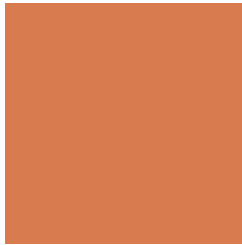
86.9990, 41.4125, -76.2981



21.9250, 10.3900, -19.2282

Previews

White Background



This preview shows how the YUV color 145.6770, -33.3648, 61.6733 looks on a white background.

Color Contrast Check

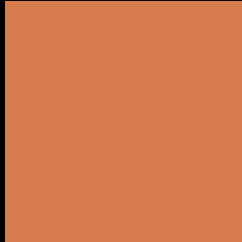
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.6770, -33.3648, 61.6733 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 × Fail

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

YUV 145.6770, -33.3648, 61.6733

Background



This preview shows how black text looks on a background with the YUV color 145.6770, -33.3648, 61.6733.



This preview shows how white text looks on a background with the YUV color 145.6770, -33.3648, 61.6733.

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

145.6770, -33.3648, 61.6733

Protanopia

145.2320, -28.7084, 14.7055

Deuteranopia

145.6210, -35.3092, 31.9044



Tritanopia

148.5240, -11.1043, 61.8075

Trichromacy



Original Color

145.6770, -33.3648, 61.6733

Protanomaly

145.5870, -30.3624, 31.9342

Deuteranomaly

145.2140, -34.6155, 42.7853

Tritanomaly

147.4610, -18.9613, 61.8627

Monochromacy



Original Color

145.6770, -33.3648, 61.6733

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9290, -12.2900, 21.9873

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6770, -33.3648, 61.6733 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(216, 123, 78)` looks like.

```
.text, #text, p{  
    color:rgb(216, 123, 78)  
}
```

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(216, 123, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 123, 78) }
```

Border

The CSS property to change the border of an element to YUV 145.6770, -33.3648, 61.6733 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(216, 123, 78) }
```


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

```
.border{ border-color:rgb(216, 123, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 123, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 123, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 123, 78);  
box-shadow:4px 4px 4px 4px rgb(216, 123,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 145.6770, -33.3648, 61.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 123, 78) }
```

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

```
.background{ background-color: rgb(216,  
123, 78) }
```

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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