

Converting Colors

YUV(146.8960, -38.8957,
62.3582)

Have a look what the booklet for
YUV(146.8960, -38.8957, 62.3582)
contains.

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Color

**YUV(146.8960, -38.8957,
62.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7E44
RGB	218, 126, 68
RGB Percent	85%, 49%, 27%
CMY	0.1451, 0.5059, 0.7333
CMYK	0.00, 0.42, 0.69, 0.15
HSL	23°, 67%, 56%
HSV	23°, 69%, 85%
XYZ	37.4177, 30.2445, 9.3345
YIQ	146.8960, 73.4500, 1.4660

Conversions

Conversions Part 2

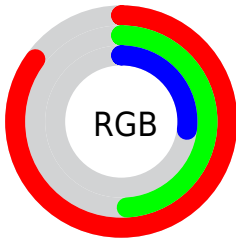
Format	Color
R _Y B	218, 163, 68
Decimal	14319172
CIE Lab	61.86, 30.83, 46.06
CIE LCh	62, 55.426, 56.207
Yxy	30.2445, 0.4860, 0.3928
Android (android.graphics.Color)	4292509252 (0xFFDA7E44)
YUV	146.8960, -38.8957, 62.3582
Hunter-Lab	54.9950, 25.2072, 28.4330

Details

The YUV color **146.8960, -38.8957, 62.3582** 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 **139.1040, 38.8957, -62.3582**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7700, -37.8476, 52.8217**, and **94.0200, -36.9849, 56.1105** is the 20% darker color. If you saturate the color by 10%, you get **136.7570, -44.7432, 71.2501**, and if you desaturate by 10%, it is **157.0350, -33.0483, 53.4663**.

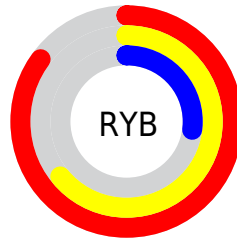
Distribution



Red (85%)

Green (49%)

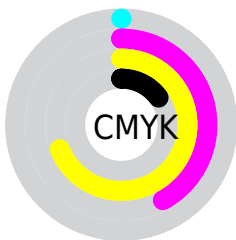
Blue (27%)



Red (85%)

Yellow (64%)

Blue (27%)

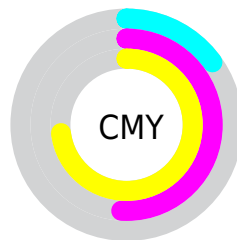


Cyan (0%)

Magenta (42%)

Yellow (69%)

Black (15%)



Cyan (15%)

Magenta (51%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.8960, -38.8957, 62.3582 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 146.8960, -38.8957, 62.3582 by changing the saturation by 10% instead.


 146.8960,
-38.8957, 62.3582


 146.8960,
-38.8957, 62.3582


255.0000, 0.0000,
0.0000


 119.9280,
-37.4325, 59.6991


 194.7700,
-37.8476, 52.8217

 94.0200, -36.9849,
56.1105


 214.2840,
-34.1570, 35.7079


 68.7960, -33.9164,
51.9219


 234.3850,
-30.7558, 18.0794

 46.3360, -22.8436,
47.0633

 248.6160,
-24.4607, 5.5988

 22.4030, -11.0447,
42.6196

 251.9220,
-11.7935, 2.6994

 13.7540, -6.7807,
28.2797

 0.0000, 0.0000,

0.0000

■ 146.8960,
-38.8957, 62.3582

■ 146.8960,
-38.8957, 62.3582

■ 136.7570,
-44.7432, 71.2501

■ 157.0350,
-33.0483, 53.4663

■ 126.0310,
-50.3013, 80.6568

■ 167.7610,
-27.4902, 44.0596

■ 116.0060,
-55.7120, 89.4487

■ 177.7860,
-22.0795, 35.2677

■ 114.4900,
-56.4436, 90.7783

■ 187.9250,
-16.2320, 26.3758

■ 198.6510,
-10.6739, 16.9691

■ 208.7900, -4.8265,
8.0772

■ 219.5160, 0.7316,
-1.3295

■ 229.5410, 6.1423,
-10.1215

■ 238.6540, 8.0586,
-18.1136

Harmonies

Analogous

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



147.5710, -19.0155, 79.3062



146.8960, -38.8957, 62.3582



144.2500, -49.4232, 32.2298

Triad

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



146.8960, -38.8957, 62.3582



117.6250, 11.5239, -103.1571



150.5850, 43.0956, -9.2830

Complementary

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



146.8960, -38.8957, 62.3582



139.1040, 38.8957, -62.3582

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.



120.3170, 62.4547, -105.5180



146.8960, -38.8957, 62.3582



123.3250, 33.3638, -108.1560

Square

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



146.8960, -38.8957, 62.3582



130.0230, -18.7453, -54.3942



124.8360, 51.8459, -109.4812



153.9200, 25.1824, 43.0432

Rectangle

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



146.8960, -38.8957, 62.3582



141.4920, -46.5846, 8.3385



124.8360, 51.8459, -109.4812



146.1090, 48.2603, -32.5446

Sweetspot

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



146.8960, -38.8957, 62.3582



229.4730, -14.0372, 22.3872



123.3380, 18.0744, 83.0186



112.6120, -8.1897, 13.4953



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.



146.8960, -38.8957, 62.3582



154.5220, -54.9803, 88.1192



190.9210, -60.6001, 23.7483



104.6370, -2.7790, 4.7034



91.0560, -44.8906, 71.8649



24.3200, -11.9898, 19.0134

Inverse Universe

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



139.1040, 38.8957, -62.3582



143.4780, 54.9803, -88.1192



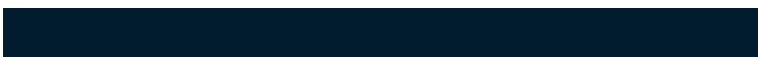
95.0790, 60.6001, -23.7483



103.7760, 3.0684, -4.1886



81.9440, 44.8906, -71.8649



21.6800, 11.9898, -19.0134

Previews

White Background



This preview shows how the YUV color 146.8960, -38.8957, 62.3582 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 146.8960, -38.8957, 62.3582 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 146.8960, -38.8957, 62.3582

Background



This preview shows how black text looks on a background with the YUV color 146.8960, -38.8957, 62.3582.



This preview shows how white text looks on a background with the YUV color 146.8960, -38.8957,

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

146.8960, -38.8957, 62.3582

Protanopia

146.3480, -34.6816, 17.2348

Deuteranopia

146.8510, -40.8455, 34.3337



Tritanopia

150.8230, -11.2517, 62.4222

Trichromacy



Original Color

146.8960, -38.8957, 62.3582

Protanomaly

146.4040, -36.1882, 33.8487

Deuteranomaly

147.0310, -40.4413, 44.6998

Tritanomaly

149.7770, -21.5821, 62.4626

Monochromacy



Original Color

146.8960, -38.8957, 62.3582

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7720, -14.1846, 23.0020

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8960, -38.8957, 62.3582 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(218, 126, 68)` looks like.

```
.text, #text, p{  
    color:rgb(218, 126, 68)  
}
```

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(218, 126, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 126, 68) }
```

Border

The CSS property to change the border of an element to YUV 146.8960, -38.8957, 62.3582 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(218, 126, 68) }
```


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

```
.border{ border-color:rgb(218, 126, 68) }
```

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

Here you see how a box with a 4 pixel rgb(218, 126, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 126, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 126, 68);  
box-shadow:4px 4px 4px 4px rgb(218, 126,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 146.8960, -38.8957, 62.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 126, 68) }
```

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

```
.background{ background-color: rgb(218,  
126, 68) }
```

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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