

Converting Colors

YUV(136.0220, -43.3948,
58.7397)

Have a look what the booklet for
YUV(136.0220, -43.3948, 58.7397)
contains.

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Color

**YUV(136.0220, -43.3948,
58.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7730
RGB	203, 119, 48
RGB Percent	80%, 47%, 19%
CMY	0.2039, 0.5333, 0.8118
CMYK	0.00, 0.41, 0.76, 0.20
HSL	27°, 62%, 49%
HSV	27°, 76%, 80%
XYZ	31.7589, 26.1036, 6.1609
YIQ	136.0220, 72.8550, -4.2730

Conversions

Conversions Part 2

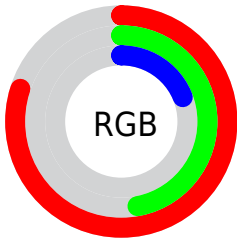
Format	Color
R _Y B	203, 179, 48
Decimal	13334320
CIE Lab	58.14, 27.41, 51.04
CIE LCh	58, 57.933, 61.760
Yxy	26.1036, 0.4961, 0.4077
Android (android.graphics.Color)	4291524400 (0xFFCB7730)
YUV	136.0220, -43.3948, 58.7397
Hunter-Lab	51.0916, 21.5465, 28.6146

Details

The YUV color **136.0220, -43.3948, 58.7397** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **114.9780, 43.3948, -58.7397**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4950, -44.1210, 58.3249**, and **83.8470, -41.3366, 51.8772** is the 20% darker color. If you saturate the color by 10%, you get **127.2850, -48.9475, 66.4021**, and if you desaturate by 10%, it is **144.7590, -37.8422, 51.0774**.

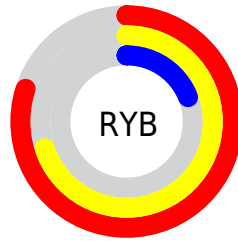
Distribution



Red (80%)

Green (47%)

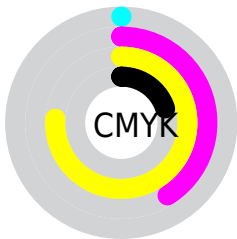
Blue (19%)



Red (80%)

Yellow (70%)

Blue (19%)

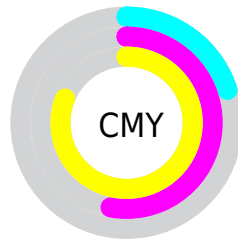


Cyan (0%)

Magenta (41%)

Yellow (76%)

Black (20%)



Cyan (20%)

Magenta (53%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.0220, -43.3948, 58.7397 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 136.0220, -43.3948, 58.7397 by changing the saturation by 10% instead.


 136.0220,
-43.3948, 58.7397


 136.0220,
-43.3948, 58.7397


255.0000, 0.0000,
0.0000


 109.4130,
-43.0946, 55.7658


 188.4950,
-44.1210, 58.3249

 83.8470, -41.3366,
51.8772


 207.3080,
-40.5778, 41.8259

 61.0880, -30.1164,
46.4038


 227.2950,
-37.6134, 24.2973

 38.9160, -19.1856,
40.4157

 246.3360,
-33.1966, 7.5983

 17.9290, -8.8390,
35.1423

 249.5280,
-20.9663, 4.7989

 9.9810, -4.4276,
20.1877

 252.7200, -8.7360,

 0.0000, 0.0000,

1.9996

0.0000

■ 136.0220,
-43.3948, 58.7397

■ 136.0220,
-43.3948, 58.7397

■ 127.2850,
-48.9475, 66.4021

■ 144.7590,
-37.8422, 51.0774

■ 118.4340,
-54.9370, 74.1644

■ 153.6100,
-31.8527, 43.3150

■ 115.2880,
-56.8370, 76.9234

■ 162.3470,
-26.3001, 35.6527

■ 171.0840,
-20.7474, 27.9903

■ 179.9350,
-14.7580, 20.2280

■ 188.6720, -9.2053,
12.5657

■ 197.4090, -3.6526,
4.9033

■ 206.1460, 1.9000,
-2.7590

■ 214.9970, 7.8895,
-10.5214

Harmonies

Analogous

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



136.4310, -23.3835, 80.3060



136.0220, -43.3948, 58.7397



132.5930, -53.0433, 26.6669

Triad

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



136.0220, -43.3948, 58.7397



112.3420, 14.1284, -98.5239



142.1950, 41.3159, 1.5830

Complementary

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



136.0220, -43.3948, 58.7397



114.9780, 43.3948, -58.7397

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.



112.5890, 63.3066, -98.7406



136.0220, -43.3948, 58.7397



117.5690, 36.6945, -103.1080

Square

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



136.0220, -43.3948, 58.7397



110.0460, -10.3757, -78.9703



118.2650, 54.5924, -103.7184



142.7040, 22.8239, 52.8796

Rectangle

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



136.0220, -43.3948, 58.7397



129.6220, -47.1416, 0.3315



118.2650, 54.5924, -103.7184



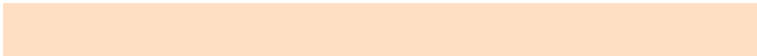
138.2460, 47.2067, -21.2637

Sweetspot

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



136.0220, -43.3948, 58.7397



229.4900, -16.5106, 22.3723



104.0350, 14.2797, 86.7923



112.1560, -9.9369, 13.8952



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.



136.0220, -43.3948, 58.7397



153.6610, -65.8949, 88.8743



180.6340, -65.3886, 19.6150



97.3380, -2.6316, 4.0886



94.2460, -46.4633, 62.9283



21.9280, -10.8105, 14.0951

Inverse Universe

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



114.9780, 43.3948, -58.7397



121.9260, 65.6055, -89.3891



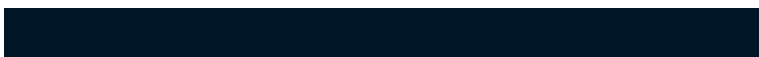
70.3660, 65.3886, -19.6150



96.0750, 2.9210, -3.5738



71.7540, 46.4633, -62.9283



16.6590, 10.5211, -14.6099

Previews

White Background



This preview shows how the YUV color 136.0220, -43.3948, 58.7397 looks on a white background.

Color Contrast Check

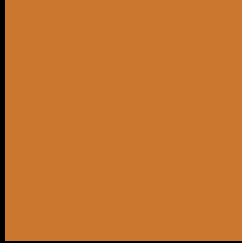
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.0220, -43.3948, 58.7397 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 136.0220, -43.3948, 58.7397

Background



This preview shows how black text looks on a background with the YUV color 136.0220, -43.3948, 58.7397.



This preview shows how white text looks on a background with the YUV color 136.0220, -43.3948, 58.7397.

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

136.0220, -43.3948, 58.7397

Protanopia

134.9800, -39.9231, 18.4345

Deuteranopia

135.5970, -45.6503, 35.4334



Tritanopia

141.3170, -10.5093, 57.6040

Trichromacy



Original Color

136.0220, -43.3948, 58.7397

Protanomaly

135.1390, -40.9875, 33.2041

Deuteranomaly

135.8800, -44.8038, 43.9552

Tritanomaly

139.8150, -22.5868, 58.0442

Monochromacy



Original Color

136.0220, -43.3948, 58.7397

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0060, -15.7790, 21.0427

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.0220, -43.3948, 58.7397 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(203, 119, 48)` looks like.

```
.text, #text, p{  
    color:rgb(203, 119, 48)  
}
```

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(203, 119, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 119, 48) }
```

Border

The CSS property to change the border of an element to YUV 136.0220, -43.3948, 58.7397 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(203, 119, 48) }
```


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

```
.border{ border-color:rgb(203, 119, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 119, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 119, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 119, 48);  
box-shadow:4px 4px 4px 4px rgb(203, 119,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 136.0220, -43.3948, 58.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 119, 48) }
```

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

```
.background{ background-color: rgb(203,  
119, 48) }
```

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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