

# Converting Colors

YUV(132.4690, -27.8392,  
62.7327)

Have a look what the booklet for  
YUV(132.4690, -27.8392, 62.7327)  
contains.

<b>YUV(132.4690, -27.8392, 62.7327)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(132.4690, -27.8392,  
62.7327)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC6B4C
RGB	204, 107, 76
RGB Percent	80%, 42%, 30%
CMY	0.2000, 0.5804, 0.7020
CMYK	0.00, 0.48, 0.63, 0.20
HSL	15°, 56%, 55%
HSV	15°, 63%, 80%
XYZ	31.4640, 23.8746, 9.7874
YIQ	132.4690, 67.7630, 10.9230

# Conversions

## Conversions Part 2

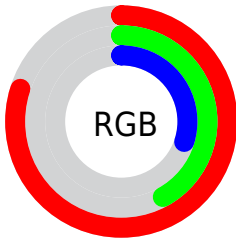
Format	Color
<a href="#">RYB</a>	<a href="#">204, 117, 76</a>
Decimal	<a href="#">13396812</a>
<a href="#">CIELab</a>	<a href="#">55.96, 35.70, 34.48</a>
<a href="#">CIElCh</a>	<a href="#">56, 49.634, 44.004</a>
<a href="#">Yxy</a>	<a href="#">23.8746, 0.4831, 0.3666</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291586892 (0xFFCC6B4C)</a>
<a href="#">YUV</a>	<a href="#">132.4690, -27.8392, 62.7327</a>
<a href="#">Hunter-Lab</a>	<a href="#">48.8616, 29.4359, 22.3268</a>

# Details

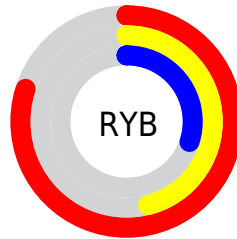
The YUV color **132.4690, -27.8392, 62.7327** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **147.5310, 27.8392, -62.7327**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5290, -28.8548, 61.8031**, and **80.2340, -24.7654, 56.7998** is the 20% darker color. If you saturate the color by 10%, you get **121.3840, -32.2343, 72.4542**, and if you desaturate by 10%, it is **143.5540, -23.4441, 53.0111**.

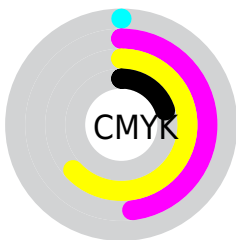
# Distribution



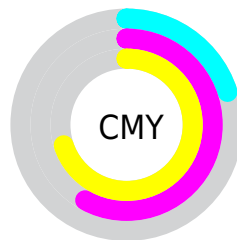
- Red (80%)
- Green (42%)
- Blue (30%)



- Red (80%)
- Yellow (46%)
- Blue (30%)



- Cyan (0%)
- Magenta (48%)
- Yellow (63%)
- Black (20%)




- Cyan (20%)
- Magenta (58%)
- Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 132.4690, -27.8392, 62.7327 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 132.4690, -27.8392, 62.7327 by changing the saturation by 10% instead.




 132.4690,  
-27.8392, 62.7327


 132.4690,  
-27.8392, 62.7327


255.0000, 0.0000,  
0.0000


 106.2020,  
-26.2286, 59.4588


 184.5290,  
-28.8548, 61.8031


 80.2340, -24.7654,  
56.7998


 203.3420,  
-25.3116, 45.3041

 54.2660, -23.3021,  
54.1407


 223.4430,  
-21.9104, 27.6755

 28.0730, -13.8400,  
52.5560

 242.9570,  
-18.2198, 10.5617

 17.6410, -8.6970,  
36.2718

 252.7200, -8.7360,  
1.9996

 9.6820, -4.2802,  
19.5729

 0.0000, 0.0000,

0.0000

■ 132.4690,  
-27.8392, 62.7327

■ 132.4690,  
-27.8392, 62.7327

■ 121.3840,  
-32.2343, 72.4542

■ 143.5540,  
-23.4441, 53.0111

■ 109.5980,  
-36.7768, 82.7906

■ 155.3400,  
-18.9016, 42.6748

■ 98.5130, -41.1719,  
92.5121

■ 166.4250,  
-14.5065, 32.9533

■ 89.7590, -44.2512,  
100.1894

■ 178.2110, -9.9640,  
22.6170

■ 189.2960, -5.5689,  
12.8954

■ 200.9680, -1.4632,  
2.6591

■ 212.1670, 3.3687,  
-7.1625

■ 223.8390, 7.4744,  
-17.3988

■ 234.4680, 10.1223,  
-26.7204

# Harmonies

## Analogous

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



133.5620, -8.6581, 70.5441



132.4690, -27.8392, 62.7327



131.1830, -41.0092, 40.1815

# Triad

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



132.4690, -27.8392, 62.7327



102.8240, 3.0448, -90.1766



130.1430, 43.3135, -32.5744

# Complementary

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



132.4690, -27.8392, 62.7327



147.5310, 27.8392, -62.7327

# 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.



109.8530, 52.8235, -96.3411



132.4690, -27.8392, 62.7327



108.5410, 22.4113, -95.1905

# Square

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



132.4690, -27.8392, 62.7327



121.6520, -25.9574, -27.7588



111.8130, 40.0252, -98.0600



138.1130, 29.0313, 21.8259



# Rectangle

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



132.4690, -27.8392, 62.7327



128.8940, -42.8387, 20.2640



111.8130, 40.0252, -98.0600



121.9440, 48.3416, -58.7099

# Sweetspot

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



132.4690, -27.8392, 62.7327



227.8090, -10.2588, 23.8465



125.4440, 23.9381, 68.8936



111.0790, -6.4479, 14.8397



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.



132.4690, -27.8392, 62.7327



148.1110, -41.4667, 93.7417



169.4500, -46.0708, 30.3004



96.1640, -2.0529, 5.1182



73.1140, -36.0452, 81.4610



16.6450, -8.2060, 18.7283



# Inverse Universe

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



147.5310, 27.8392, -62.7327



170.8890, 41.4667, -93.7417



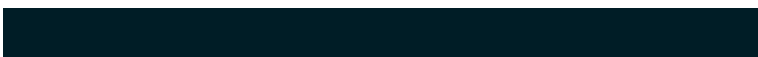
110.5500, 46.0709, -30.3003



97.8360, 2.0529, -5.1182



92.8860, 36.0452, -81.4610

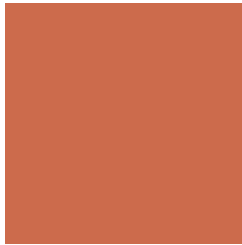


21.3550, 8.2060, -18.7283



# Previews

## White Background



This preview shows how the YUV color 132.4690, -27.8392, 62.7327 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

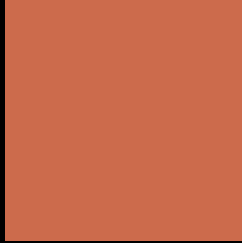
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 132.4690, -27.8392, 62.7327 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 132.4690, -27.8392, 62.7327

## Background



This preview shows how black text looks on a background with the YUV color 132.4690, -27.8392, 62.7327.



This preview shows how white text looks on a background with the YUV color 132.4690, -27.8392, 62.7327.



# 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

132.4690, -27.8392, 62.7327

### Protanopia

133.0020, -23.1720, 12.2762

### Deuteranopia

132.6790, -29.9147, 28.3455



## Tritanopia

134.5950, -12.1253, 62.6222

# Trichromacy



## Original Color

132.4690, -27.8392, 62.7327

## Protanomaly

132.9550, -25.1208, 30.7345

## Deuteranomaly

132.2830, -29.2265, 40.9708

## Tritanomaly

133.5150, -17.5089, 62.6923

# Monochromacy



## Original Color

132.4690, -27.8392, 62.7327

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

132.2110, -9.9640, 22.6170

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.4690, -27.8392, 62.7327 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(204, 107, 76)` looks like.

```
.text, #text, p{  
    color:rgb(204, 107, 76)  
}
```

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(204, 107, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 107, 76) }
```

## Border

The CSS property to change the border of an element to YUV 132.4690, -27.8392, 62.7327 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(204, 107, 76) }
```



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

```
.border{ border-color:rgb(204, 107, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 107, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 107, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 107, 76);  
box-shadow:4px 4px 4px 4px rgb(204, 107,  
76) }
```

# Background

The CSS property to change the background color of an element to YUV 132.4690, -27.8392, 62.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 107, 76) }
```

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

```
.background{ background-color: rgb(204,  
107, 76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor