

# Converting Colors

YUV(133.4290, -57.3995,  
70.6608)

Have a look what the booklet for  
YUV(133.4290, -57.3995, 70.6608)  
contains.

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# Color

**YUV(133.4290, -57.3995,  
70.6608)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D67311
RGB	214, 115, 17
RGB Percent	84%, 45%, 7%
CMY	0.1608, 0.5490, 0.9333
CMYK	0.00, 0.46, 0.92, 0.16
HSL	30°, 85%, 45%
HSV	30°, 92%, 84%
XYZ	33.9635, 26.5981, 3.8742
YIQ	133.4290, 90.4620, -9.4900

# Conversions

## Conversions Part 2

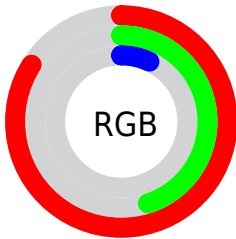
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 212, 17
Decimal	14054161
CIE <sub>Lab</sub>	58.60, 33.26, 62.84
CIE <sub>LCh</sub>	59, 71.097, 62.112
Yxy	26.5981, 0.5271, 0.4128
Android (android.graphics.Color)	4292244241 (0xFFD67311)
YUV	133.4290, -57.3995, 70.6608
Hunter-Lab	51.5733, 27.2973, 31.6475

# Details

The YUV color **133.4290, -57.3995, 70.6608** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **97.5710, 57.3995, -70.6608**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4110, -53.4466, 62.7836**, and **83.6030, -41.2163, 59.9842** is the 20% darker color. If you saturate the color by 10%, you get **126.2080, -62.2205, 76.9936**, and if you desaturate by 10%, it is **142.2800, -51.4100, 62.8984**.

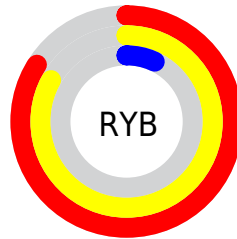
# Distribution



Red (84%)

Green (45%)

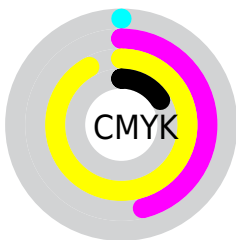
Blue (7%)



Red (84%)

Yellow (83%)

Blue (7%)

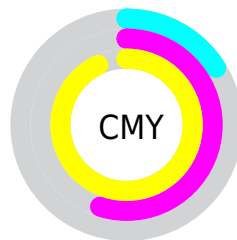


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (16%)



Cyan (16%)

Magenta (55%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.4290, -57.3995, 70.6608 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 133.4290, -57.3995, 70.6608 by changing the saturation by 10% instead.



133.4290,  
-57.3995, 70.6608

133.4290,  
-57.3995, 70.6608

255.0000, 0.0000,  
0.0000

107.5470,  
-53.0207, 66.1723

183.4110,  
-53.4466, 62.7836

83.6030, -41.2163,  
59.9842

202.3380,  
-49.4666, 46.1846

60.5450, -29.8487,  
53.8960

222.3250,  
-46.5022, 28.6560

37.1990, -18.3391,  
48.9375

241.9530,  
-42.3748, 11.4422

19.1360, -9.4340,  
39.3457

246.7920,  
-31.4495, 7.1984

12.0740, -5.4595,  
24.4911

250.0980,

0.0000, 0.0000,

-18.7823, 4.2991

0.0000

253.4040, -6.1152,  
1.3997

133.4290,  
-57.3995, 70.6608

133.4290,  
-57.3995, 70.6608

126.2080,  
-62.2205, 76.9936

142.2800,  
-51.4100, 62.8984

151.2450,  
-44.9838, 55.0361

159.5090,  
-38.7049, 47.7886

168.4740,  
-32.2787, 39.9263

177.3250,  
-26.2892, 32.1640

■ 186.1760,  
-20.2998, 24.4016

■ 194.5540,  
-13.5841, 17.0541

■ 203.4050, -7.5947,  
9.2918

■ 212.3700, -1.1684,  
1.4295

# Harmonies

## Analogous

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



132.6290, -26.9321, 98.5494



133.4290, -57.3995, 70.6608



131.5150, -64.8369, 29.3663

# Triad

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



133.4290, -57.3995, 70.6608



115.6190, 13.9918, -101.3979



142.8280, 51.3568, 1.0278

# Complementary

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



133.4290, -57.3995, 70.6608



97.5710, 57.3995, -70.6608

# 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.



115.3590, 68.8430, -101.1698



133.4290, -57.3995, 70.6608



122.1000, 41.3627, -107.0817

# Square

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



133.4290, -57.3995, 70.6608



105.8610, -13.2425, -92.8401



123.7080, 62.7550, -108.4919



141.3990, 28.8903, 67.1791



# Rectangle

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



133.4290, -57.3995, 70.6608



126.0120, -62.1239, -0.8875



123.7080, 62.7550, -108.4919



137.0520, 58.1484, -30.7406

# Sweetspot

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



133.4290, -57.3995, 70.6608



225.7740, -20.5946, 25.6312



87.5310, 15.5142, 110.9133



110.0700, -12.8525, 15.7246



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.



133.4290, -57.3995, 70.6608



150.7940, -74.3414, 91.3887



189.7810, -85.1810, 21.2401



102.8110, -3.3578, 3.6738



101.0240, -49.8048, 61.3690



25.7710, -12.7051, 15.1098



# Inverse Universe

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



97.5710, 57.3995, -70.6608



104.2060, 74.3414, -91.3887



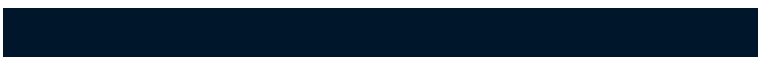
41.2190, 85.1810, -21.2401



100.7760, 3.0684, -4.1886



69.9760, 49.8048, -61.3690



17.8160, 12.4157, -15.6246



# Previews

## White Background



This preview shows how the YUV color 133.4290, -57.3995, 70.6608 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 133.4290, -57.3995, 70.6608 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 133.4290, -57.3995, 70.6608

## Background



This preview shows how black text looks on a background with the YUV color 133.4290, -57.3995, 70.6608.



This preview shows how white text looks on a background with the YUV color 133.4290, -57.3995,



# 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

133.4290, -57.3995, 70.6608

### Protanopia

133.7450, -53.6113, 22.1486

### Deuteranopia

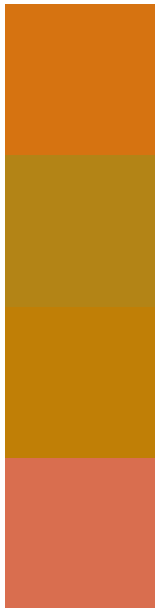
132.1790, -65.1642, 41.0620



## Tritanopia

141.1010, -12.8678, 67.4404

# Trichromacy



## Original Color

133.4290, -57.3995, 70.6608

## Protanomaly

133.5130, -54.9759, 39.8921

## Deuteranomaly

132.6410, -62.4340, 52.0578

## Tritanomaly

138.4590, -29.3133, 68.8805

# Monochromacy



## Original Color

133.4290, -57.3995, 70.6608

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

132.7740, -20.5946, 25.6312

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.4290, -57.3995, 70.6608 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(214, 115, 17)` looks like.

```
.text, #text, p{  
    color:rgb(214, 115, 17)  
}
```

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(214, 115, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 115, 17) }
```

## Border

The CSS property to change the border of an element to YUV 133.4290, -57.3995, 70.6608 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(214, 115, 17) }
```



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

```
.border{ border-color:rgb(214, 115, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 115, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 115, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 115, 17);  
box-shadow:4px 4px 4px 4px rgb(214, 115,  
17) }
```

# Background

The CSS property to change the background color of an element to YUV 133.4290, -57.3995, 70.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 115, 17) }
```

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

```
.background{ background-color: rgb(214,  
115, 17) }
```

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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