

# Converting Colors

YUV(128.2240, -63.2144,  
69.0866)

Have a look what the booklet for  
YUV(128.2240, -63.2144, 69.0866)  
contains.

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# Color

**YUV(128.2240, -63.2144,  
69.0866)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF7100
RGB	207, 113, 0
RGB Percent	81%, 44%, 0%
CMY	0.1882, 0.5569, 1.0000
CMYK	0.00, 0.45, 1.00, 0.19
HSL	33°, 100%, 41%
HSV	33°, 100%, 81%
XYZ	31.6373, 25.0757, 3.1726
YIQ	128.2240, 92.2970, -15.2150

# Conversions

## Conversions Part 2

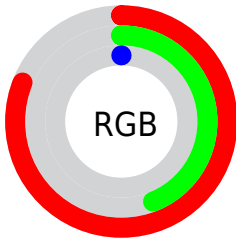
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 207, 0
Decimal	13594880
CIE <sub>Lab</sub>	57.15, 31.22, 64.58
CIE <sub>LCh</sub>	57, 71.726, 64.199
Yxy	25.0757, 0.5283, 0.4187
Android (android.graphics.Color)	4291784960 (0xFFCF7100)
YUV	128.2240, -63.2144, 69.0866
Hunter-Lab	50.0756, 25.1422, 31.2965

# Details

The YUV color **128.2240, -63.2144, 69.0866** 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 **78.7760, 63.2144, -69.0866**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3250, -56.3622, 64.6130**, and **80.6350, -39.7531, 57.3251** is the 20% darker color. If you saturate the color by 10%, you get **128.2240, -63.2144, 69.0866**, and if you desaturate by 10%, it is **135.9010, -56.6462, 62.3538**.

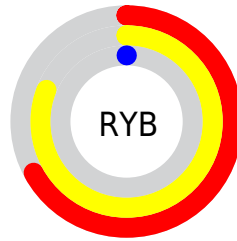
# Distribution



Red (81%)

Green (44%)

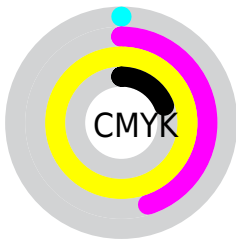
Blue (0%)



Red (67%)

Yellow (81%)

Blue (0%)

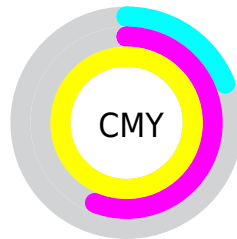


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.2240, -63.2144, 69.0866 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 128.2240, -63.2144, 69.0866 by changing the saturation by 10% instead.



128.2240,  
-63.2144, 69.0866

128.2240,  
-63.2144, 69.0866

255.0000, 0.0000,  
0.0000

104.2800,  
-51.4100, 62.8984

181.3250,  
-56.3622, 64.6130

80.6350, -39.7531,  
57.3251

200.2520,  
-52.3822, 48.0140

58.1640, -28.6749,  
50.7222

219.7660,  
-48.6916, 30.9002

34.5190, -17.0179,  
45.1488

239.8670,  
-45.2904, 13.2716

17.6410, -8.6970,  
36.2718

245.9940,  
-34.5070, 7.8983


9.9810, -4.4276,  
20.1877

249.1860,


0.0000, 0.0000,


-22.2767, 5.0989


0.0000


 252.4920, -9.6096,  
2.1995

 128.2240,  
-63.2144, 69.0866

 135.9010,  
-56.6462, 62.3538

 144.0510,  
-50.8041, 55.2063

 151.7280,  
-44.2359, 48.4735

 159.9920,  
-37.9571, 41.2260

 167.6690,  
-31.3888, 34.4933

■ 175.2320,  
-25.2574, 27.8605

■ 183.4960,  
-18.9785, 20.6130

■ 191.1730,  
-12.4103, 13.8803

■ 199.3230, -6.5682,  
6.7327

# Harmonies

## Analogous

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



128.1620, -28.6739, 97.2049



128.2240, -63.2144, 69.0866



127.3620, -62.7895, 25.9925

# Triad

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



128.2240, -63.2144, 69.0866



113.3850, 15.5862, -99.4386



139.6330, 50.4669, 6.4609

# Complementary

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



128.2240, -63.2144, 69.0866



78.7760, 63.2144, -69.0866

# 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.



112.4240, 70.2900, -98.5958



128.2240, -63.2144, 69.0866



119.7520, 42.5203, -105.0225

# Square

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



128.2240, -63.2144, 69.0866



104.1000, -12.3743, -91.2957



121.2460, 63.4757, -106.3327



136.4920, 27.8584, 71.4825



# Rectangle

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



128.2240, -63.2144, 69.0866



122.1470, -60.2185, -5.3909



121.2460, 63.4757, -106.3327



134.6830, 57.8373, -24.2780

# Sweetspot

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



128.2240, -63.2144, 69.0866



225.7910, -23.0680, 25.6163



72.9510, 11.8562, 117.5610



110.4290, -14.0155, 15.4098



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.



128.2240, -63.2144, 69.0866



157.8380, -77.8141, 85.2111



181.3090, -89.3853, 16.3920



100.8110, -3.3578, 3.6738



104.2360, -51.3883, 55.9210



25.1730, -12.4103, 13.8803



# Inverse Universe

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



78.7760, 63.2144, -69.0866



97.1620, 77.8141, -85.2111



25.6910, 89.3853, -16.3920



98.1890, 3.3578, -3.6738



63.7640, 51.3883, -55.9210



15.8270, 12.4103, -13.8803



# Previews

## White Background



This preview shows how the YUV color 128.2240, -63.2144, 69.0866 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 128.2240, -63.2144, 69.0866 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 128.2240, -63.2144, 69.0866

## Background



This preview shows how black text looks on a background with the YUV color 128.2240, -63.2144, 69.0866.



This preview shows how white text looks on a background with the YUV color 128.2240, -63.2144, 69.0866.



# 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

128.2240, -63.2144, 69.0866

### Protanopia

129.2890, -55.3585, 22.5485

### Deuteranopia

128.9230, -63.5590, 39.5325



## Tritanopia

137.4920, -12.5676, 64.4665

# Trichromacy



## Original Color

128.2240, -63.2144, 69.0866

## Protanomaly

129.0030, -58.1755, 39.4624

## Deuteranomaly

128.4020, -63.3022, 50.5134

## Tritanomaly

134.2800, -31.1970, 66.4064

# Monochromacy



## Original Color

128.2240, -63.2144, 69.0866

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

128.3780, -23.3574, 25.1015

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.2240, -63.2144, 69.0866 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(207, 113, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 113, 0)  
}
```

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(207, 113, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 113, 0) }
```

## Border

The CSS property to change the border of an element to YUV 128.2240, -63.2144, 69.0866 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(207, 113, 0) }
```



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

```
.border{ border-color:rgb(207, 113, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 113, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 113, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 113, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 113,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 128.2240, -63.2144, 69.0866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 113, 0) }
```

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

```
.background{ background-color: rgb(207,  
113, 0) }
```

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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