

Converting Colors

YUV(136.7190, -67.4025,
59.0054)

Have a look what the booklet for
YUV(136.7190, -67.4025, 59.0054)
contains.

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Color

**YUV(136.7190, -67.4025,
59.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8100
RGB	204, 129, 0
RGB Percent	80%, 51%, 0%
CMY	0.2000, 0.4941, 1.0000
CMYK	0.00, 0.37, 1.00, 0.20
HSL	38°, 100%, 40%
HSV	38°, 100%, 80%
XYZ	32.7521, 28.5379, 3.7821
YIQ	136.7190, 86.1090, -24.2190

Conversions

Conversions Part 2

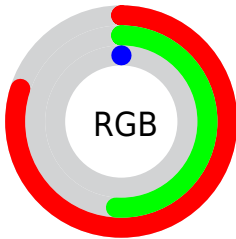
Format	Color
R_{YB}	119, 204, 0
Decimal	13402368
CIE _{Lab}	60.37, 21.35, 66.42
CIE _{LCh}	60, 69.766, 72.179
Yxy	28.5379, 0.5033, 0.4386
Android (android.graphics.Color)	4291592448 (0xFFCC8100)
YUV	136.7190, -67.4025, 59.0054
Hunter-Lab	53.4209, 15.9511, 33.1969

Details

The YUV color **136.7190, -67.4025, 59.0054** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **67.2810, 67.4025, -59.0054**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0590, -59.6821, 56.0763**, and **90.0160, -44.3779, 47.3440** is the 20% darker color. If you saturate the color by 10%, you get **136.7190, -67.4025, 59.0054**, and if you desaturate by 10%, it is **143.6950, -60.9816, 52.8875**.

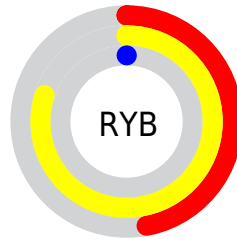
Distribution



Red (80%)

Green (51%)

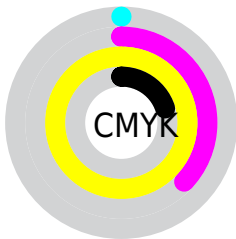
Blue (0%)



Red (47%)

Yellow (80%)

Blue (0%)

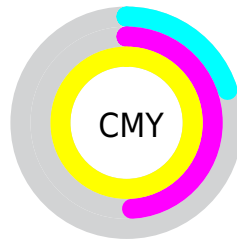


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7190, -67.4025, 59.0054 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 136.7190, -67.4025, 59.0054 by changing the saturation by 10% instead.

136.7190,
-67.4025, 59.0054

136.7190,
-67.4025, 59.0054

255.0000, 0.0000,
0.0000

112.7750,
-55.5981, 52.8173

191.0590,
-59.6821, 56.0763

90.0160, -44.3779,
47.3440

210.5730,
-55.9915, 38.9625

66.9580, -33.0103,
41.2558

230.0870,
-52.3009, 21.8487

45.3730, -22.3689,
34.7529

243.2580,
-44.9902, 10.2977

24.9730, -12.3117,
28.9647

246.4500,
-32.7599, 7.4983


10.8780, -4.8699,
22.0320


249.6420,


0.0000, 0.0000,

-20.5295, 4.6990


0.0000

 252.9480, -7.8624,
1.7996


 136.7190,
-67.4025, 59.0054

 143.6950,
-60.9816, 52.8875

 150.1980,
-53.8346, 47.1844

 157.1740,
-47.4138, 41.0664

 163.6770,
-40.2668, 35.3633

 170.6530,
-33.8459, 29.2453

■ 177.0420,
-27.1357, 23.6422

■ 184.1320,
-20.2781, 17.4242

■ 190.5210,
-13.5679, 11.8211

■ 197.6110, -6.7102,
5.6032

Harmonies

Analogous

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



139.3430, -36.6511, 89.1532



136.7190, -67.4025, 59.0054



133.7860, -65.9565, 15.0967

Triad

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



136.7190, -67.4025, 59.0054



121.5180, 23.9016, -106.5713



149.3320, 43.7133, 26.0188

Complementary

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



136.7190, -67.4025, 59.0054



67.2810, 67.4025, -59.0054

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.



125.8570, 63.6675, -74.4196



136.7190, -67.4025, 59.0054



126.8420, 49.3779, -111.2404

Square

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



136.7190, -67.4025, 59.0054



112.3470, -3.6221, -98.5283



124.7510, 64.2128, -109.4066



144.1960, 20.1164, 81.3891

Rectangle

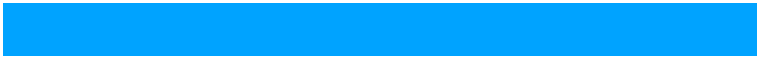
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



136.7190, -67.4025, 59.0054



129.1930, -53.3391, -18.5863



124.7510, 64.2128, -109.4066



147.7140, 50.9200, 1.1278

Sweetspot

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



136.7190, -67.4025, 59.0054



229.9000, -25.0937, 22.0127



69.8880, 3.9992, 117.6162



112.7770, -15.1731, 13.3506



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.



136.7190, -67.4025, 59.0054



170.7520, -84.1807, 73.8855



173.5680, -85.5690, 5.6409



98.5120, -3.2104, 3.0590



111.2690, -54.8556, 47.9991



25.4500, -12.5468, 11.0064

Inverse Universe

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



67.2810, 67.4025, -59.0054



84.2480, 84.1807, -73.8855



30.4320, 85.5690, -5.6409



95.4880, 3.2104, -3.0590



54.7310, 54.8556, -47.9991



12.5500, 12.5468, -11.0064

Previews

White Background



This preview shows how the YUV color 136.7190, -67.4025, 59.0054 looks on a white background.

Color Contrast Check

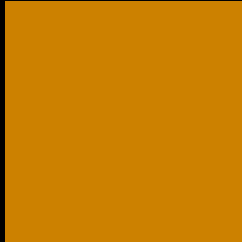
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7190, -67.4025, 59.0054 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 136.7190, -67.4025, 59.0054

Background



This preview shows how black text looks on a background with the YUV color 136.7190, -67.4025, 59.0054.



This preview shows how white text looks on a background with the YUV color 136.7190, -67.4025, 59.0054.

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



Protanopia

136.7470, -60.0213, 24.7779

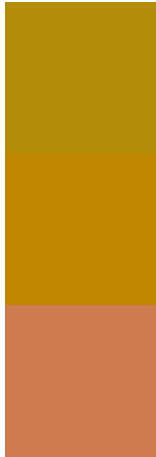
Deuteranopia

136.9080, -67.4956, 42.1767

Tritanopia

147.6370, -9.1880, 53.8154

Trichromacy



Protanomaly

136.8410, -62.5326, 36.9734

Deuteranomaly

136.6530, -67.3699, 48.5393

Tritanomaly

143.4420, -30.2909, 55.7404

Monochromacy



Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.7150, -24.5095, 21.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7190, -67.4025, 59.0054 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, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 129, 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(204, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 129, 0) }
```

Border

The CSS property to change the border of an element to YUV 136.7190, -67.4025, 59.0054 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, 129, 0) }
```

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

```
.border{ border-color:rgb(204, 129, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 129, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 129,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 136.7190, -67.4025, 59.0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 129, 0) }
```

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

```
.background{ background-color: rgb(204,  
129, 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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