

# Converting Colors

YUV(134.6590, -66.3869,  
59.9351)

Have a look what the booklet for  
YUV(134.6590, -66.3869, 59.9351)  
contains.

<b>YUV(134.6590, -66.3869, 59.9351)</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> .....	30

# Color

**YUV(134.6590, -66.3869,  
59.9351)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB7E00
RGB	203, 126, 0
RGB Percent	80%, 49%, 0%
CMY	0.2039, 0.5059, 1.0000
CMYK	0.00, 0.38, 1.00, 0.20
HSL	37°, 100%, 40%
HSV	37°, 100%, 80%
XYZ	32.0895, 27.6182, 3.6396
YIQ	134.6590, 86.3380, -22.8620

# Conversions

## Conversions Part 2

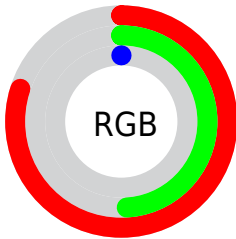
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 203, 0
Decimal	13336064
CIELab	59.54, 22.55, 65.82
CIELCh	60, 69.574, 71.091
Yxy	27.6182, 0.5066, 0.4360
Android (android.graphics.Color)	4291526144 (0xFFCB7E00)
YUV	134.6590, -66.3869, 59.9351
Hunter-Lab	52.5530, 17.0262, 32.6810

# Details

The YUV color **134.6590, -66.3869, 59.9351** 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 **68.3410, 66.3869, -59.9351**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1840, -59.2507, 57.7206**, and **87.9560, -43.3623, 48.2736** is the 20% darker color. If you saturate the color by 10%, you get **134.6590, -66.3869, 59.9351**, and if you desaturate by 10%, it is **141.6350, -59.9661, 53.8171**.

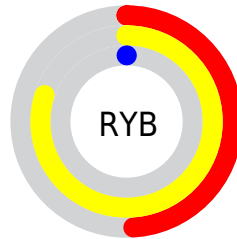
# Distribution



Red (80%)

Green (49%)

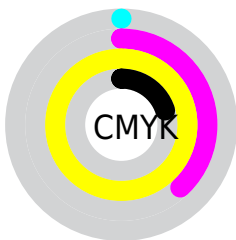
Blue (0%)



Red (49%)

Yellow (80%)

Blue (0%)

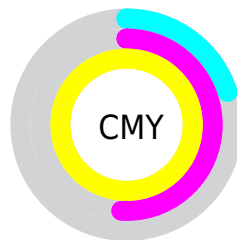


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.6590, -66.3869, 59.9351 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 134.6590, -66.3869, 59.9351 by changing the saturation by 10% instead.



134.6590,  
-66.3869, 59.9351

134.6590,  
-66.3869, 59.9351

255.0000, 0.0000,  
0.0000

110.7150,  
-54.5825, 53.7469

189.1840,  
-59.2507, 57.7206

87.9560, -43.3623,  
48.2736

208.1110,  
-55.2707, 41.1217

65.4850, -32.2841,  
41.6707

228.2120,  
-51.8695, 23.4931

43.3130, -21.3533,  
35.6825

243.1440,  
-45.4270, 10.3977

22.3260, -11.0067,  
30.4091

246.3360,  
-33.1966, 7.5983

10.2800, -4.5750,  
20.8024

249.5280,

0.0000, 0.0000,

-20.9663, 4.7989

0.0000

252.8340, -8.2992,  
1.8996

134.6590,  
-66.3869, 59.9351

141.6350,  
-59.9661, 53.8171

148.1380,  
-52.8190, 48.1140

155.1140,  
-46.3982, 41.9960

162.0900,  
-39.9774, 35.8781

169.1800,  
-33.1197, 29.6601

■ 175.5690,  
-26.4095, 24.0570

■ 182.5450,  
-19.9887, 17.9390

■ 189.5210,  
-13.5679, 11.8211

■ 196.0240, -6.4208,  
6.1180

# Harmonies

## Analogous

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



136.3970, -35.1987, 89.9828



134.6590, -66.3869, 59.9351



132.0250, -65.0883, 16.6411

# Triad

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



134.6590, -66.3869, 59.9351



119.1870, 22.5858, -104.5270



147.0220, 43.8662, 23.6597

# Complementary

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



134.6590, -66.3869, 59.9351



68.3410, 66.3869, -59.9351

# 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.



117.1970, 67.9369, -90.5038



134.6590, -66.3869, 59.9351



124.6250, 48.4989, -109.2961

# Square

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



134.6590, -66.3869, 59.9351



110.7170, -4.7905, -97.0988



123.5770, 64.7915, -108.3770



141.7120, 20.8480, 80.0596



# Rectangle

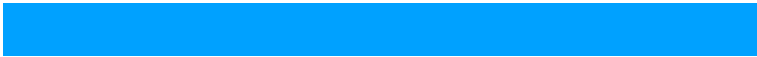
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



134.6590, -66.3869, 59.9351



126.7480, -55.0918, -16.4420



123.5770, 64.7915, -108.3770



145.1050, 51.2202, -1.8461

# Sweetspot

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



134.6590, -66.3869, 59.9351



229.3130, -24.8043, 22.5275



69.5890, 4.1466, 117.0014



112.1900, -14.8837, 13.8654



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.



134.6590, -66.3869, 59.9351



168.9910, -83.3126, 75.4299



172.6820, -85.1322, 5.5409



98.5120, -3.2104, 3.0590



110.0950, -54.2768, 49.0287



25.4500, -12.5468, 11.0064



# Inverse Universe

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



68.3410, 66.3869, -59.9351



86.0090, 83.3126, -75.4299



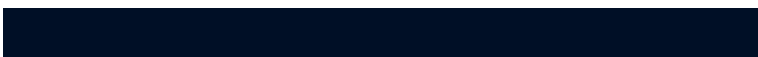
30.3180, 85.1322, -5.5409



95.4880, 3.2104, -3.0590



55.9050, 54.2768, -49.0287



13.1370, 12.2575, -11.5211



# Previews

## White Background



This preview shows how the YUV color 134.6590, -66.3869, 59.9351 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 134.6590, -66.3869, 59.9351 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 134.6590, -66.3869, 59.9351 Background



This preview shows how black text looks on a background with the YUV color 134.6590, -66.3869, 59.9351.



This preview shows how white text looks on a background with the YUV color 134.6590, -66.3869, 59.9351.



# 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

134.6760, -59.0003, 23.9631

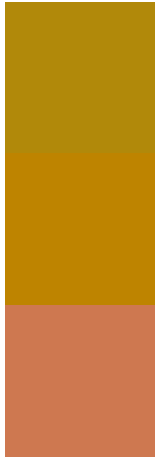
### Deuteranopia

134.2500, -66.1852, 41.8768

### Tritanopia

145.2350, -9.4829, 55.0449

# Trichromacy



## Protanomaly

134.4820, -61.3696, 37.2883

## Deuteranomaly

134.2940, -66.2069, 48.8542

## Tritanomaly

141.1540, -30.1489, 56.8699

# Monochromacy



## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.1280, -24.2201, 21.8127

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.6590, -66.3869, 59.9351 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, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 126, 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(203, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 126, 0) }
```

## Border

The CSS property to change the border of an element to YUV 134.6590, -66.3869, 59.9351 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, 126, 0) }
```

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

```
.border{ border-color:rgb(203, 126, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 126,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 134.6590, -66.3869, 59.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 126, 0) }
```

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

```
.background{ background-color: rgb(203,  
126, 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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