

Converting Colors

YUV(159.4330, -60.3595,
39.9623)

Have a look what the booklet for
YUV(159.4330, -60.3595, 39.9623)
contains.

YUV(159.4330, -60.3595, 39.9623)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.4330, -60.3595,
39.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA025
RGB	205, 160, 37
RGB Percent	80%, 63%, 15%
CMY	0.1961, 0.3725, 0.8549
CMYK	0.00, 0.22, 0.82, 0.20
HSL	44°, 69%, 47%
HSV	44°, 82%, 80%
XYZ	38.0816, 38.2543, 7.1270
YIQ	159.4330, 66.3030, -28.7130

Conversions

Conversions Part 2

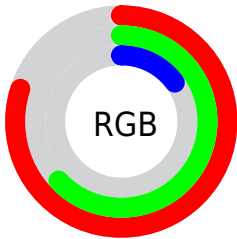
Format	Color
RYB	98, 205, 37
Decimal	13475877
CIELab	68.21, 5.64, 64.58
CIELCh	68, 64.830, 85.007
Yxy	38.2543, 0.4563, 0.4583
Android (android.graphics.Color)	4291665957 (0xFFCDA025)
YUV	159.4330, -60.3595, 39.9623
Hunter-Lab	61.8501, 1.6662, 36.4631

Details

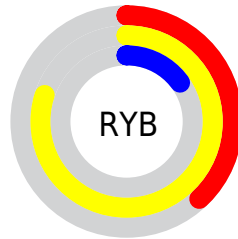
The YUV color **159.4330, -60.3595, 39.9623** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **82.5670, 60.3595, -39.9623**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5790, -58.4594, 37.2032**, and **107.6370, -53.0650, 33.6444** is the 20% darker color. If you saturate the color by 10%, you get **154.1040, -68.0853, 44.6358**, and if you desaturate by 10%, it is **164.7620, -52.6337, 35.2887**.

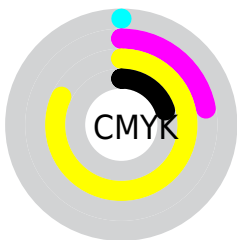
Distribution



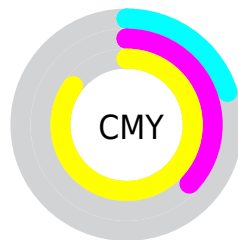
- Red (80%)
- Green (63%)
- Blue (15%)



- Red (38%)
- Yellow (80%)
- Blue (15%)



- Cyan (0%)
- Magenta (22%)
- Yellow (82%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4330, -60.3595, 39.9623 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 159.4330, -60.3595, 39.9623 by changing the saturation by 10% instead.

■ 159.4330,
-60.3595, 39.9623

■ 159.4330,
-60.3595, 39.9623

■ 255.0000, 0.0000,
0.0000

■ 130.9830,
-64.5746, 38.6029

■ 212.5790,
-58.4594, 37.2032

■ 107.6370,
-53.0650, 33.6444

■ 232.6800,
-55.0582, 19.5746

■ 85.1770, -41.9923,
28.7858

■ 242.8020,
-46.7374, 10.6976

■ 63.0050, -31.0615,
22.7976

■ 245.9940,
-34.5070, 7.8983

■ 42.3170, -20.8623,
18.1390

■ 249.3000,
-21.8399, 4.9989

■ 23.3900, -11.5313,
11.9360

■ 252.6060, -9.1728,

■ 0.0000, 0.0000,

2.0995

0.0000

■ 159.4330,
-60.3595, 39.9623

■ 159.4330,
-60.3595, 39.9623

■ 154.1040,
-68.0853, 44.6358

■ 164.7620,
-52.6337, 35.2887

■ 149.3450,
-73.6271, 48.8094

■ 170.5640,
-45.6341, 30.2004

■ 175.8930,
-37.9082, 25.5268

■ 181.6950,
-30.9086, 20.4385

■ 186.9100,
-23.6196, 15.8649

■ 192.8260,
-16.1832, 10.6766

■ 198.1550, -8.4574,
6.0031

■ 203.9570, -1.4578,
0.9147

■ 209.2860, 6.2680,
-3.7588

Harmonies

Analogous

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



162.5510, -45.6276, 74.9388



159.4330, -60.3595, 39.9623



154.6230, -52.0721, -4.9314

Triad

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



159.4330, -60.3595, 39.9623



138.2740, 37.3329, -121.2663



170.5710, 31.2705, 50.3652

Complementary

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



159.4330, -60.3595, 39.9623



82.5670, 60.3595, -39.9623

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.



164.6060, 44.5642, -13.6865



159.4330, -60.3595, 39.9623



140.0130, 56.6886, -122.7914

Square

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



159.4330, -60.3595, 39.9623



131.4340, 11.1250, -115.2676



132.3820, 60.4507, -116.0990



162.3950, 8.1863, 81.2146

Rectangle

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



159.4330, -60.3595, 39.9623



148.2730, -34.6446, -41.4584



132.3820, 60.4507, -116.0990



171.3990, 38.7503, 31.2221

Sweetspot

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



159.4330, -60.3595, 39.9623



237.7250, -23.0354, 15.1502



92.7040, -3.7981, 98.4836



117.0970, -13.8518, 9.5619



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.



159.4330, -60.3595, 39.9623



187.1710, -89.8103, 59.4860



175.0840, -68.0754, -5.3357



99.0990, -3.4998, 2.5442



120.6610, -59.4859, 39.7623



27.7980, -13.7044, 8.9472

Inverse Universe

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



82.5670, 60.3595, -39.9623



72.8290, 89.8103, -59.4860



66.9160, 68.0754, 5.3357



94.9010, 3.4998, -2.5442



44.7520, 59.7753, -39.2475



10.2020, 13.7044, -8.9472

Previews

White Background



This preview shows how the YUV color 159.4330, -60.3595, 39.9623 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 159.4330, -60.3595, 39.9623 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.4330, -60.3595, 39.9623

Background



This preview shows how black text looks on a background with the YUV color 159.4330, -60.3595, 39.9623.



This preview shows how white text looks on a background with the YUV color 159.4330, -60.3595,

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

159.4330, -60.3595, 39.9623

Protanopia

158.3880, -58.8583, 25.0927

Deuteranopia

159.8680, -60.0809, 43.9658



Tritanopia

169.3900, -4.6293, 38.2460

Trichromacy



Original Color

159.4330, -60.3595, 39.9623

Protanomaly

158.6060, -59.4588, 31.0405

Deuteranomaly

159.8570, -60.0755, 42.2214

Tritanomaly

165.7110, -25.0005, 38.8415

Monochromacy



Original Color

159.4330, -60.3595, 39.9623

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0670, -21.7250, 14.8502

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4330, -60.3595, 39.9623 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(205, 160, 37)` looks like.

```
.text, #text, p{  
    color:rgb(205, 160, 37)  
}
```

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(205, 160, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 160, 37) }
```

Border

The CSS property to change the border of an element to YUV 159.4330, -60.3595, 39.9623 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(205, 160, 37) }
```


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

```
.border{ border-color:rgb(205, 160, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 160, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 160, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 160, 37);  
box-shadow:4px 4px 4px 4px rgb(205, 160,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 159.4330, -60.3595, 39.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 160, 37) }
```

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

```
.background{ background-color: rgb(205,  
160, 37) }
```

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