

Converting Colors

YUV(138.5540, -60.4191,
59.1501)

Have a look what the booklet for
YUV(138.5540, -60.4191, 59.1501)
contains.

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Color

**YUV(138.5540, -60.4191,
59.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8010
RGB	206, 128, 16
RGB Percent	81%, 50%, 6%
CMY	0.1922, 0.4980, 0.9373
CMYK	0.00, 0.38, 0.92, 0.19
HSL	35°, 86%, 44%
HSV	35°, 92%, 81%
XYZ	33.2663, 28.5976, 4.2568
YIQ	138.5540, 82.4400, -18.2960

Conversions

Conversions Part 2

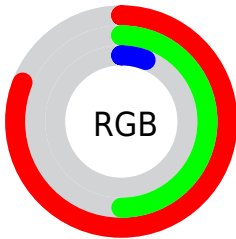
Format	Color
R_{YB}	148, 206, 16
Decimal	13533200
CIE _{Lab}	60.42, 22.95, 63.89
CIE _{LCh}	60, 67.884, 70.243
Yxy	28.5976, 0.5031, 0.4325
Android (android.graphics.Color)	4291723280 (0xFFCE8010)
YUV	138.5540, -60.4191, 59.1501
Hunter-Lab	53.4767, 17.4555, 32.7142

Details

The YUV color **138.5540, -60.4191, 59.1501** 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 **83.4460, 60.4191, -59.1501**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1560, -56.7719, 55.9912**, and **89.4400, -44.0939, 49.6031** is the 20% darker color. If you saturate the color by 10%, you get **132.6210, -65.3822, 64.3534**, and if you desaturate by 10%, it is **145.6440, -53.5615, 52.9322**.

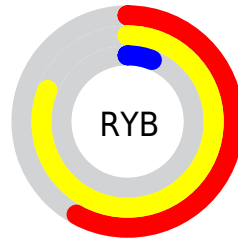
Distribution



Red (81%)

Green (50%)

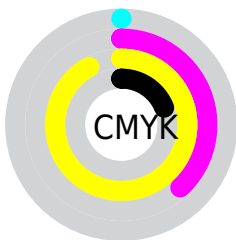
Blue (6%)



Red (58%)

Yellow (81%)

Blue (6%)

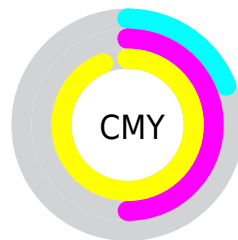


Cyan (0%)

Magenta (38%)

Yellow (92%)

Black (19%)



Cyan (19%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5540, -60.4191, 59.1501 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 138.5540, -60.4191, 59.1501 by changing the saturation by 10% instead.

138.5540,
-60.4191, 59.1501

138.5540,
-60.4191, 59.1501

255.0000, 0.0000,
0.0000

112.7860,
-55.6035, 54.5617

191.1560,
-56.7719, 55.9912

89.4400, -44.0939,
49.6031

210.6700,
-53.0813, 38.8774

66.9690, -33.0157,
43.0002

230.1840,
-49.3907, 21.7636

45.3840, -22.3743,
36.4972

243.9420,
-42.3694, 9.6979

24.3970, -12.0277,
31.2238

247.1340,
-30.1391, 6.8985

11.1770, -5.0173,
22.6468

250.3260,

0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,
1.1997

138.5540,
-60.4191, 59.1501

138.5540,
-60.4191, 59.1501

132.6210,
-65.3822, 64.3534

145.6440,
-53.5615, 52.9322

153.2070,
-47.4301, 46.2995

160.2970,
-40.5724, 40.0815

167.8600,
-34.4410, 33.4488

174.9500,
-27.5833, 27.2309

■ 182.6270,
-21.0151, 20.4981

■ 189.6030,
-14.5943, 14.3802

■ 197.2800, -8.0260,
7.6474

■ 204.2560, -1.6052,
1.5295

Harmonies

Analogous

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



140.0270, -34.0303, 88.5533



138.5540, -60.4191, 59.1501



133.8080, -65.9673, 18.5854

Triad

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



138.5540, -60.4191, 59.1501



120.3610, 22.0070, -105.5566



149.5980, 43.5822, 21.4006

Complementary

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



138.5540, -60.4191, 59.1501



83.4460, 60.4191, -59.1501

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.



122.5460, 65.2998, -84.6708



138.5540, -60.4191, 59.1501



125.6850, 47.4833, -110.2257

Square

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



138.5540, -60.4191, 59.1501



112.1190, -4.4957, -98.3284



124.7510, 64.2128, -109.4066



145.3910, 21.0062, 75.9561

Rectangle

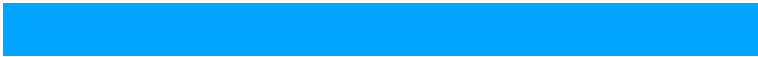
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



138.5540, -60.4191, 59.1501



130.0410, -52.7712, -14.0680



124.7510, 64.2128, -109.4066



146.9800, 50.7889, -3.4905

Sweetspot

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



138.5540, -60.4191, 59.1501



229.8830, -22.6203, 22.0276



81.8160, 6.4997, 108.9094



112.4180, -14.0101, 13.6654



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.



138.5540, -60.4191, 59.1501



164.2950, -80.9974, 79.5483



179.5560, -80.6331, 9.1594



98.5120, -3.2104, 3.0590



107.1600, -52.8299, 51.6027



24.8630, -12.2575, 11.5211

Inverse Universe

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



83.4460, 60.4191, -59.1501



90.7050, 80.9974, -79.5483



42.4440, 80.6331, -9.1594



95.4880, 3.2104, -3.0590



58.8400, 52.8299, -51.6027



13.7240, 11.9681, -12.0359

Previews

White Background



This preview shows how the YUV color 138.5540, -60.4191, 59.1501 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 138.5540, -60.4191, 59.1501 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 138.5540, -60.4191, 59.1501

Background



This preview shows how black text looks on a background with the YUV color 138.5540, -60.4191, 59.1501.



This preview shows how white text looks on a background with the YUV color 138.5540, -60.4191, 59.1501.

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

138.5540, -60.4191, 59.1501

Protanopia

138.1320, -57.2531, 23.5632

Deuteranopia

136.9080, -67.4956, 42.1767



Tritanopia

147.5340, -9.6303, 55.6597

Trichromacy



Original Color

138.5540, -60.4191, 59.1501

Protanomaly

138.2800, -58.3120, 36.5884

Deuteranomaly

137.6360, -64.8965, 48.5542

Tritanomaly

144.0230, -28.1123, 56.9848

Monochromacy



Original Color

138.5540, -60.4191, 59.1501

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.6980, -22.0361, 21.3129

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5540, -60.4191, 59.1501 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(206, 128, 16)` looks like.

```
.text, #text, p{  
    color:rgb(206, 128, 16)  
}
```

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(206, 128, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 128, 16) }
```

Border

The CSS property to change the border of an element to YUV 138.5540, -60.4191, 59.1501 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(206, 128, 16) }
```


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

```
.border{ border-color:rgb(206, 128, 16) }
```

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

Here you see how a box with a 4 pixel rgb(206, 128, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 128, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 128, 16);  
box-shadow:4px 4px 4px 4px rgb(206, 128,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 138.5540, -60.4191, 59.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 128, 16) }
```

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

```
.background{ background-color: rgb(206,  
128, 16) }
```

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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