

Converting Colors

YUV(136.9520, -67.5173,
49.1541)

Have a look what the booklet for
YUV(136.9520, -67.5173, 49.1541)
contains.

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Color

**YUV(136.9520, -67.5173,
49.1541)**

Conversions

Conversions Part 1

Format	Color
Hex	C18700
RGB	193, 135, 0
RGB Percent	76%, 53%, 0%
CMY	0.2431, 0.4706, 1.0000
CMYK	0.00, 0.30, 1.00, 0.24
HSL	42°, 100%, 38%
HSV	42°, 100%, 76%
XYZ	30.6563, 28.6654, 3.9172
YIQ	136.9520, 77.9030, -29.6890

Conversions

Conversions Part 2

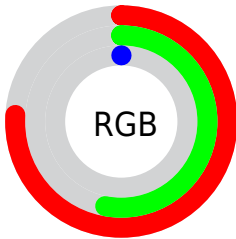
Format	Color
RYB	83, 193, 0
Decimal	12683008
CIELab	60.49, 13.22, 65.85
CIElCh	60, 67.161, 78.648
Yxy	28.6654, 0.4848, 0.4533
Android (android.graphics.Color)	4290873088 (0xFFC18700)
YUV	136.9520, -67.5173, 49.1541
Hunter-Lab	53.5401, 8.5114, 33.1402

Details

The YUV color **136.9520, -67.5173, 49.1541** 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 **56.0480, 67.5173, -49.1541**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3960, -60.8342, 52.2727**, and **90.5480, -44.6402, 38.1074** is the 20% darker color. If you saturate the color by 10%, you get **136.9520, -67.5173, 49.1541**, and if you desaturate by 10%, it is **142.6400, -60.9545, 44.1657**.

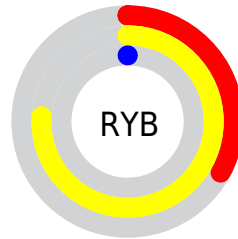
Distribution



Red (76%)

Green (53%)

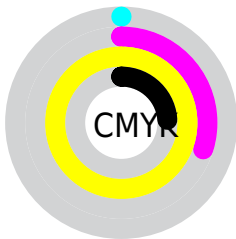
Blue (0%)



Red (33%)

Yellow (76%)

Blue (0%)

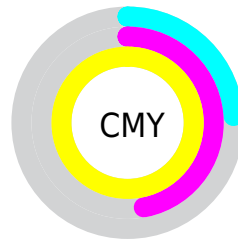


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9520, -67.5173, 49.1541 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 136.9520, -67.5173, 49.1541 by changing the saturation by 10% instead.

■ 136.9520,
-67.5173, 49.1541

■ 136.9520,
-67.5173, 49.1541

■ 255.0000, 0.0000,
0.0000

■ 113.3070,
-55.8604, 43.5808

■ 194.3960,
-60.8342, 52.2727

■ 90.5480, -44.6402,
38.1074

■ 214.2090,
-57.2910, 35.7737

■ 67.7890, -33.4200,
32.6340

■ 233.7230,
-53.6004, 18.6599

■ 47.0900, -23.2154,
26.2311

■ 243.3720,
-44.5534, 10.1978

■ 26.9890, -13.3056,
21.0576

■ 246.5640,
-32.3231, 7.3984

■ 8.3720, -4.1274,
17.2138

■ 249.7560,

■ 0.0000, 0.0000,

-20.0927, 4.5990

0.0000

■ 253.0620, -7.4256,
1.6996

■ 136.9520,
-67.5173, 49.1541

■ 142.6400,
-60.9545, 44.1657

■ 148.4420,
-53.9549, 39.0774

■ 153.5430,
-47.1027, 34.6038

■ 159.2310,
-40.5399, 29.6154

■ 165.0330,
-33.5403, 24.5271

■ 170.7210,
-26.9775, 19.5387

■ 176.4090,
-20.4146, 14.5503

■ 181.5100,
-13.5624, 10.0767

■ 187.3120, -6.5628,
4.9884

Harmonies

Analogous

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



140.7350, -41.2814, 80.9164



136.9520, -67.5173, 49.1541



131.9590, -65.0558, 6.1750

Triad

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



136.9520, -67.5173, 49.1541



122.2990, 29.4326, -107.2562



149.9870, 36.9814, 38.5994

Complementary

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



136.9520, -67.5173, 49.1541



56.0480, 67.5173, -49.1541

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.



140.2530, 56.5703, -37.9329



136.9520, -67.5173, 49.1541



126.4660, 53.0143, -110.9107

Square

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



136.9520, -67.5173, 49.1541



114.7580, 3.0773, -100.6428



122.4030, 65.3703, -107.3474



143.7960, 13.4116, 85.2479

Rectangle

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



136.9520, -67.5173, 49.1541



128.6890, -42.2447, -30.4223



122.4030, 65.3703, -107.3474



149.3910, 44.1772, 17.1971

Sweetspot

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



136.9520, -67.5173, 49.1541



227.9490, -26.1039, 19.3387



64.6610, -1.8049, 112.5533



111.6520, -15.6044, 11.7062



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.9520, -67.5173, 49.1541



177.4750, -87.4952, 63.6044



160.5330, -79.1428, -2.2214



94.0990, -3.4998, 2.5442



113.8830, -56.1443, 41.3216



23.3680, -11.5204, 8.4473

Inverse Universe

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



56.0480, 67.5173, -49.1541



72.5250, 87.4952, -63.6044



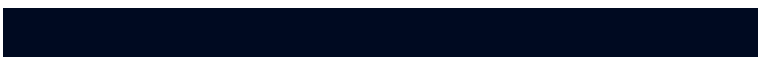
32.4670, 79.1428, 2.2214



89.9010, 3.4998, -2.5442



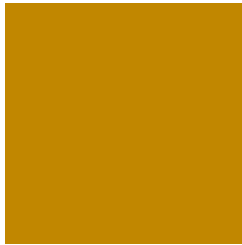
46.5300, 56.4337, -40.8068



9.6320, 11.5204, -8.4473

Previews

White Background



This preview shows how the YUV color 136.9520, -67.5173, 49.1541 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 136.9520, -67.5173, 49.1541 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 136.9520, -67.5173, 49.1541 Background



This preview shows how black text looks on a background with the YUV color 136.9520, -67.5173, 49.1541.



This preview shows how white text looks on a background with the YUV color 136.9520, -67.5173,

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

136.9520, -67.5173, 49.1541

Protanopia

136.9920, -61.6211, 24.5630

Deuteranopia

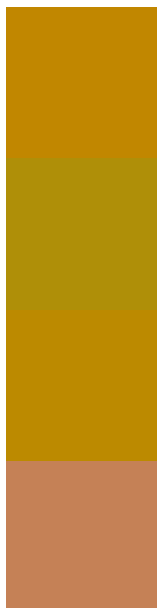
136.9080, -67.4956, 42.1767



Tritanopia

148.2660, -6.5401, 44.4937

Trichromacy



Original Color

136.9520, -67.5173, 49.1541

Protanomaly

137.1780, -63.6848, 33.1699

Deuteranomaly

137.2180, -67.6485, 44.5358

Tritanomaly

144.4300, -28.8060, 46.1039

Monochromacy



Original Color

136.9520, -67.5173, 49.1541

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.6930, -24.4986, 17.8092

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9520, -67.5173, 49.1541 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(193, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 135, 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(193, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 135, 0) }
```

Border

The CSS property to change the border of an element to YUV 136.9520, -67.5173, 49.1541 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(193, 135, 0) }
```


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

```
.border{ border-color:rgb(193, 135, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 135, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 135,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 136.9520, -67.5173, 49.1541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 135, 0) }
```

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

```
.background{ background-color: rgb(193,  
135, 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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