

Converting Colors

YUV(153.6310, -67.3591,
45.0506)

Have a look what the booklet for
YUV(153.6310, -67.3591, 45.0506)
contains.

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Color

**YUV(153.6310, -67.3591,
45.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9A11
RGB	205, 154, 17
RGB Percent	80%, 60%, 7%
CMY	0.1961, 0.3961, 0.9333
CMYK	0.00, 0.25, 0.92, 0.20
HSL	44°, 85%, 44%
HSV	44°, 92%, 80%
XYZ	36.8336, 36.1308, 5.5629
YIQ	153.6310, 74.3730, -31.7950

Conversions

Conversions Part 2

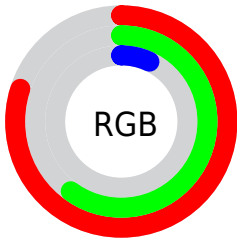
Format	Color
R _{YB}	87, 205, 17
Decimal	13474321
CIE _{Lab}	66.62, 8.41, 68.24
CIE _{LCh}	67, 68.752, 82.970
Yxy	36.1308, 0.4691, 0.4601
Android (android.graphics.Color)	4291664401 (0xFFCD9A11)
YUV	153.6310, -67.3591, 45.0506
Hunter-Lab	60.1089, 4.1909, 36.5891

Details

The YUV color **153.6310, -67.3591, 45.0506** 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 **68.3690, 67.3591, -45.0506**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5750, -62.4015, 41.5917**, and **103.8160, -51.1813, 36.1184** is the 20% darker color. If you saturate the color by 10%, you get **148.7580, -73.3377, 49.3242**, and if you desaturate by 10%, it is **159.4330, -60.3595, 39.9623**.

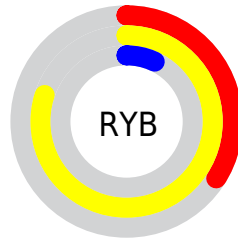
Distribution



Red (80%)

Green (60%)

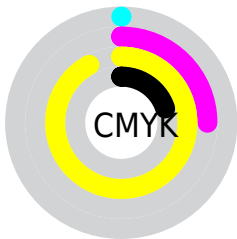
Blue (7%)



Red (34%)

Yellow (80%)

Blue (7%)

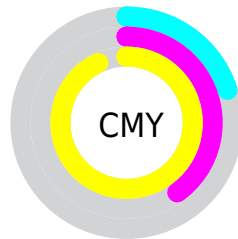


Cyan (0%)

Magenta (25%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.6310, -67.3591, 45.0506 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 153.6310, -67.3591, 45.0506 by changing the saturation by 10% instead.

■ 153.6310,
-67.3591, 45.0506

■ 153.6310,
-67.3591, 45.0506

■ 255.0000, 0.0000,
0.0000

■ 127.4610,
-62.8383, 41.6917

■ 207.5750,
-62.4015, 41.5917

■ 103.8160,
-51.1813, 36.1184

■ 227.2030,
-58.2741, 24.3780

■ 81.9430, -40.3979,
30.7450

■ 241.4340,
-51.9790, 11.8974

■ 59.7710, -29.4671,
24.7568

■ 244.6260,
-39.7486, 9.0980

■ 39.3710, -19.4099,
18.9686

■ 247.8180,
-27.5183, 6.2986

■ 20.1560, -9.9369,
13.8952

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.5440, -1.7472,
0.3999

■ 153.6310,
-67.3591, 45.0506

■ 153.6310,
-67.3591, 45.0506

■ 148.7580,
-73.3377, 49.3242

■ 159.4330,
-60.3595, 39.9623

■ 164.7620,
-52.6337, 35.2887

■ 170.5640,
-45.6341, 30.2004

■ 175.8930,
-37.9082, 25.5268

■ 181.6950,
-30.9086, 20.4385

■ 187.0240,
-23.1828, 15.7650

■ 192.9400,
-15.7464, 10.5766

■ 198.1550, -8.4574,
6.0031

■ 204.0710, -1.0210,
0.8147

Harmonies

Analogous

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



157.3560, -46.5175, 80.3718



153.6310, -67.3591, 45.0506



148.9240, -58.6295, -1.6873

Triad

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



153.6310, -67.3591, 45.0506



135.9430, 36.0171, -119.2220



166.1840, 34.9123, 48.9506

Complementary

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



153.6310, -67.3591, 45.0506



68.3690, 67.3591, -45.0506

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.



158.3600, 47.6435, -21.3637



153.6310, -67.3591, 45.0506



138.2520, 57.5568, -121.2470

Square

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



153.6310, -67.3591, 45.0506



128.0600, 8.3514, -112.3086



131.2080, 61.0295, -115.0694



156.5250, 11.0802, 86.3626

Rectangle

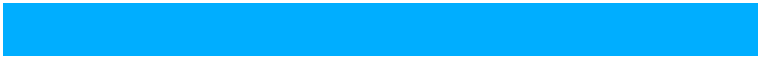
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



153.6310, -67.3591, 45.0506



142.5460, -38.7232, -39.9438



131.2080, 61.0295, -115.0694



166.4140, 42.6869, 28.5779

Sweetspot

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



153.6310, -67.3591, 45.0506



235.7530, -25.5142, 16.8796



79.2540, -4.5622, 110.2792



115.9400, -15.7464, 10.5766



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.



153.6310, -67.3591, 45.0506



185.4270, -91.4155, 61.0155



171.3090, -76.0743, -6.4100



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.



68.3690, 67.3591, -45.0506



69.5730, 91.4155, -61.0155



50.6910, 76.0743, 6.4100



94.9010, 3.4998, -2.5442



45.3390, 59.4859, -39.7623



10.2020, 13.7044, -8.9472

Previews

White Background



This preview shows how the YUV color 153.6310, -67.3591, 45.0506 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 153.6310, -67.3591, 45.0506 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 153.6310, -67.3591, 45.0506

Background



This preview shows how black text looks on a background with the YUV color 153.6310, -67.3591, 45.0506.



This preview shows how white text looks on a background with the YUV color 153.6310, -67.3591, 45.0506.

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

153.6310, -67.3591, 45.0506

Protanopia

152.6780, -65.4103, 26.5924

Deuteranopia

153.6310, -67.3591, 45.0506



Tritanopia

164.8850, -5.3663, 41.3199

Trichromacy



Original Color

153.6310, -67.3591, 45.0506

Protanomaly

153.1950, -66.1581, 33.1550

Deuteranomaly

153.6310, -67.3591, 45.0506

Tritanomaly

160.6360, -27.9215, 42.4152

Monochromacy



Original Color

153.6310, -67.3591, 45.0506

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9810, -24.6406, 16.6797

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.6310, -67.3591, 45.0506 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, 154, 17)` looks like.

```
.text, #text, p{  
    color:rgb(205, 154, 17)  
}
```

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, 154, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 17) }
```

Border

The CSS property to change the border of an element to YUV 153.6310, -67.3591, 45.0506 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, 154, 17) }
```


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

```
.border{ border-color:rgb(205, 154, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 154, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 154, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 154, 17);  
box-shadow:4px 4px 4px 4px rgb(205, 154,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 153.6310, -67.3591, 45.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 154, 17) }
```

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

```
.background{ background-color: rgb(205,  
154, 17) }
```

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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