

Converting Colors

YUV(153.5390, -67.8067,
48.6393)

Have a look what the booklet for
YUV(153.5390, -67.8067, 48.6393)
contains.

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Color

**YUV(153.5390, -67.8067,
48.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	D19810
RGB	209, 152, 16
RGB Percent	82%, 60%, 6%
CMY	0.1804, 0.4039, 0.9373
CMYK	0.00, 0.27, 0.92, 0.18
HSL	42°, 86%, 44%
HSV	42°, 92%, 82%
XYZ	37.6163, 36.0492, 5.4658
YIQ	153.5390, 77.6280, -30.2120

Conversions

Conversions Part 2

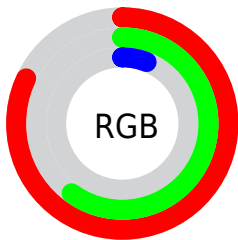
Format	Color
RYB	97, 209, 16
Decimal	13735952
CIELab	66.56, 11.25, 68.56
CIElCh	67, 69.479, 80.684
Yxy	36.0492, 0.4754, 0.4556
Android (android.graphics.Color)	4291926032 (0xFFD19810)
YUV	153.5390, -67.8067, 48.6393
Hunter-Lab	60.0410, 6.7603, 36.6312

Details

The YUV color **153.5390, -67.8067, 48.6393** 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 **71.4610, 67.8067, -48.6393**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2870, -62.2595, 42.7213**, and **103.8380, -51.1921, 39.6071** is the 20% darker color. If you saturate the color by 10%, you get **148.7800, -73.3485, 52.8129**, and if you desaturate by 10%, it is **159.4550, -60.3703, 43.4510**.

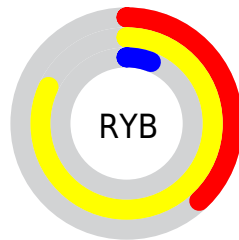
Distribution



Red (82%)

Green (60%)

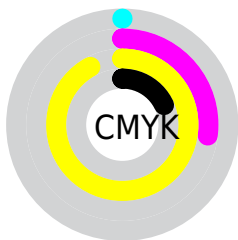
Blue (6%)



Red (38%)

Yellow (82%)

Blue (6%)

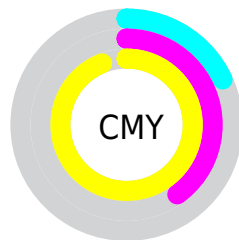


Cyan (0%)

Magenta (27%)

Yellow (92%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5390, -67.8067, 48.6393 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 153.5390, -67.8067, 48.6393 by changing the saturation by 10% instead.

■ 153.5390,
-67.8067, 48.6393

■ 153.5390,
-67.8067, 48.6393

■ 255.0000, 0.0000,
0.0000

■ 127.4830,
-62.8491, 45.1804

■ 206.2870,
-62.2595, 42.7213

■ 103.8380,
-51.1921, 39.6071

■ 225.9150,
-58.1321, 25.5075

■ 81.6660, -40.2613,
33.6189

■ 241.4340,
-51.9790, 11.8974

■ 59.7930, -29.4779,
28.2455

■ 244.5120,
-40.1854, 9.1980

■ 39.0940, -19.2733,
21.8426

■ 247.8180,
-27.5183, 6.2986

■ 19.8790, -9.8003,
16.7691

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 153.5390,
-67.8067, 48.6393

■ 153.5390,
-67.8067, 48.6393

■ 148.7800,
-73.3485, 52.8129

■ 159.4550,
-60.3703, 43.4510

■ 165.3710,
-52.9339, 38.2626

■ 171.8740,
-45.7869, 32.5595

■ 177.7900,
-38.3505, 27.3712

■ 183.5920,
-31.3509, 22.2828

■ 189.5080,
-23.9144, 17.0945

■ 195.4240,
-16.4780, 11.9062

■ 201.3400, -9.0416,
6.7178

■ 207.8430, -1.8946,
1.0147

Harmonies

Analogous

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



156.7200, -45.2180, 83.5606



153.5390, -67.8067, 48.6393



148.7350, -61.9874, 1.9864

Triad

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



153.5390, -67.8067, 48.6393



135.3730, 33.8331, -118.7221



166.1450, 37.3965, 45.4768

Complementary

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



153.5390, -67.8067, 48.6393



71.4610, 67.8067, -48.6393

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.



156.2450, 48.6862, -29.1559



153.5390, -67.8067, 48.6393



138.8390, 57.2674, -121.7618

Square

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



153.5390, -67.8067, 48.6393



127.4900, 6.1674, -111.8087



131.7950, 60.7401, -115.5842



157.0950, 13.2642, 85.8627

Rectangle

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



153.5390, -67.8067, 48.6393



143.6560, -42.2284, -35.6553



131.7950, 60.7401, -115.5842



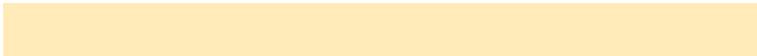
166.0220, 43.8662, 23.6597

Sweetspot

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



153.5390, -67.8067, 48.6393



234.5790, -24.9354, 17.9092



80.3190, -3.1153, 112.8532



115.3530, -15.4570, 11.0914



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.



153.5390, -67.8067, 48.6393



181.9050, -89.6792, 64.1043



175.3370, -78.5531, -4.6805



101.3980, -3.6472, 3.1590



120.0850, -59.2019, 42.0215



29.2820, -14.4360, 10.2767

Inverse Universe

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



71.4610, 67.8067, -48.6393



73.0950, 89.6792, -64.1043



49.6630, 78.5531, 4.6805



97.0150, 3.9366, -2.6442



48.5020, 58.9125, -42.5363



11.7180, 14.4360, -10.2767

Previews

White Background



This preview shows how the YUV color 153.5390, -67.8067, 48.6393 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 153.5390, -67.8067, 48.6393 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 153.5390, -67.8067, 48.6393

Background



This preview shows how black text looks on a background with the YUV color 153.5390, -67.8067, 48.6393.



This preview shows how white text looks on a background with the YUV color 153.5390, -67.8067, 48.6393.

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

153.5390, -67.8067, 48.6393

Protanopia

152.6780, -65.4103, 26.5924

Deuteranopia

153.1750, -69.1063, 45.4505



Tritanopia

164.6790, -6.2507, 45.0085

Trichromacy



Original Color

153.5390, -67.8067, 48.6393

Protanomaly

152.9070, -66.0162, 34.2846

Deuteranomaly

153.0010, -68.5275, 46.4801

Tritanomaly

160.5440, -28.3692, 46.0039

Monochromacy



Original Color

153.5390, -67.8067, 48.6393

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.6930, -24.4986, 17.8092

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5390, -67.8067, 48.6393 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(209, 152, 16)` looks like.

```
.text, #text, p{  
    color:rgb(209, 152, 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(209, 152, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 152, 16) }
```

Border

The CSS property to change the border of an element to YUV 153.5390, -67.8067, 48.6393 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(209, 152, 16) }
```


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

```
.border{ border-color:rgb(209, 152, 16) }
```

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

Here you see how a box with a 4 pixel rgb(209, 152, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 152, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 152, 16);  
box-shadow:4px 4px 4px 4px rgb(209, 152,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 153.5390, -67.8067, 48.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 152, 16) }
```

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

```
.background{ background-color: rgb(209,  
152, 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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