

Converting Colors

YUV(153.3880, -75.6203,
34.7397)

Have a look what the booklet for
YUV(153.3880, -75.6203, 34.7397)
contains.

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Color

**YUV(153.3880, -75.6203,
34.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A300
RGB	193, 163, 0
RGB Percent	76%, 64%, 0%
CMY	0.2431, 0.3608, 1.0000
CMYK	0.00, 0.16, 1.00, 0.24
HSL	51°, 100%, 38%
HSV	51°, 100%, 76%
XYZ	35.0895, 37.5318, 5.3950
YIQ	153.3880, 70.2030, -44.3330

Conversions

Conversions Part 2

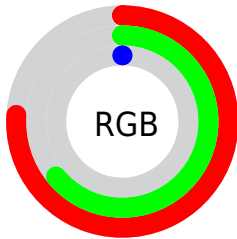
Format	Color
R_{YB}	36, 193, 0
Decimal	12690176
CIE Lab	67.67, -1.98, 70.81
CIE LCh	68, 70.835, 91.599
Yxy	37.5318, 0.4498, 0.4811
Android (android.graphics.Color)	4290880256 (0xFFC1A300)
YUV	153.3880, -75.6203, 34.7397
Hunter-Lab	61.2632, -4.9719, 37.6631

Details

The YUV color **153.3880, -75.6203, 34.7397** 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 **39.6120, 75.6203, -34.7397**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5760, -67.3320, 36.3288**, and **105.8100, -52.1643, 24.7226** is the 20% darker color. If you saturate the color by 10%, you get **153.3880, -75.6203, 34.7397**, and if you desaturate by 10%, it is **157.3150, -68.1893, 31.2957**.

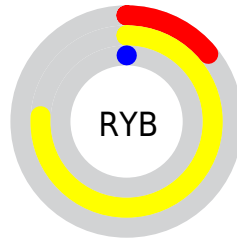
Distribution



Red (76%)

Green (64%)

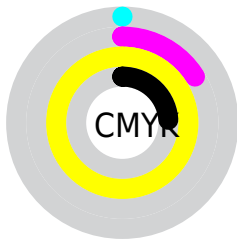
Blue (0%)



Red (14%)

Yellow (76%)

Blue (0%)

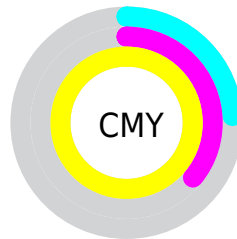


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3880, -75.6203, 34.7397 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 153.3880, -75.6203, 34.7397 by changing the saturation by 10% instead.

■ 153.3880,
-75.6203, 34.7397

■ 153.3880,
-75.6203, 34.7397

■ 255.0000, 0.0000,
0.0000

■ 129.1560,
-63.6739, 29.6812

■ 212.5760,
-67.3320, 36.3288

■ 105.8100,
-52.1643, 24.7226

■ 232.5030,
-63.3520, 19.7299

■ 83.3500, -41.0915,
19.8641

■ 240.9780,
-53.7262, 12.2973

■ 61.7760, -30.4556,
15.1054

■ 244.1700,
-41.4958, 9.4979

■ 40.7890, -20.1090,
9.8320

■ 247.4760,
-28.8287, 6.5985

■ 21.8730, -10.7834,
5.3734

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

153.3880,
-75.6203, 34.7397

157.3150,
-68.1893, 31.2957

161.3560,
-60.3215, 27.7518

165.2830,
-52.8905, 24.3078

169.2100,
-45.4595, 20.8638

173.2510,
-37.5917, 17.3199

■ 177.1780,
-30.1608, 13.8759

■ 181.1050,
-22.7298, 10.4319

■ 185.0320,
-15.2988, 6.9879

■ 189.0730, -7.4310,
3.4440

Harmonies

Analogous

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



159.0210, -55.2264, 73.6496



153.3880, -75.6203, 34.7397



148.7200, -52.6130, -18.1714

Triad

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



153.3880, -75.6203, 34.7397



140.0980, 44.3217, -122.8659



167.5130, 29.3271, 67.0791

Complementary

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



153.3880, -75.6203, 34.7397



39.6120, 75.6203, -34.7397

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.



165.0040, 44.3680, 2.6275



153.3880, -75.6203, 34.7397



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.



153.3880, -75.6203, 34.7397



132.8020, 16.3666, -116.4674



129.4470, 61.8976, -113.5250



153.6410, 5.1070, 88.8918

Rectangle

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



153.3880, -75.6203, 34.7397



139.2100, -29.1905, -64.2052



129.4470, 61.8976, -113.5250



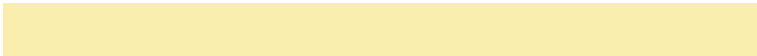
169.4550, 37.2437, 47.8360

Sweetspot

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



153.3880, -75.6203, 34.7397



234.4060, -29.2872, 13.6759



61.3550, -14.4720, 115.4527



115.7610, -17.6302, 8.1026



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.



153.3880, -75.6203, 34.7397



198.6070, -97.9133, 45.0717



151.8620, -74.8680, -20.0500



94.6860, -3.7892, 2.0294



127.9710, -63.0897, 28.9664



26.3030, -12.9674, 5.8733

Inverse Universe

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



39.6120, 75.6203, -34.7397



51.3930, 97.9133, -45.0717



41.1380, 74.8680, 20.0500



89.3140, 3.7892, -2.0294



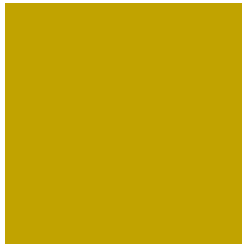
33.0290, 63.0897, -28.9664



6.6970, 12.9674, -5.8733

Previews

White Background



This preview shows how the YUV color 153.3880, -75.6203, 34.7397 looks on a white background.

Color Contrast Check

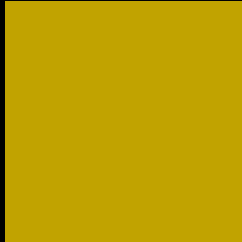
Large Text (above 18pt) WCAG AA × Fail

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 153.3880, -75.6203, 34.7397 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 153.3880, -75.6203, 34.7397

Background



This preview shows how black text looks on a background with the YUV color 153.3880, -75.6203, 34.7397.



This preview shows how white text looks on a background with the YUV color 153.3880, -75.6203, 34.7397.

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



Protanopia

153.7400, -72.8358, 28.2920

Deuteranopia

156.1150, -68.0907, 46.3801

Tritanopia

167.6170, -2.2762, 30.1539

Trichromacy



Protanomaly

153.8220, -73.8622, 30.8511

Deuteranomaly

155.2840, -71.1320, 41.8469

Tritanomaly

162.3420, -28.7626, 32.1491

Monochromacy



Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.4490, -27.8294, 12.7612

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3880, -75.6203, 34.7397 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, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 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, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 0) }
```

Border

The CSS property to change the border of an element to YUV 153.3880, -75.6203, 34.7397 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, 163, 0) }
```

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

```
.border{ border-color:rgb(193, 163, 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, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 153.3880, -75.6203, 34.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 163, 0) }
```

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

```
.background{ background-color: rgb(193,  
163, 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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