

Converting Colors

YUV(156.3980, -70.6952,
41.7470)

Have a look what the booklet for
YUV(156.3980, -70.6952, 41.7470)
contains.

YUV(156.3980, -70.6952, 41.7470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.3980, -70.6952,
41.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA00D
RGB	204, 160, 13
RGB Percent	80%, 63%, 5%
CMY	0.2000, 0.3725, 0.9490
CMYK	0.00, 0.22, 0.94, 0.20
HSL	46°, 88%, 43%
HSV	46°, 94%, 80%
XYZ	37.5453, 38.0080, 5.7382
YIQ	156.3980, 73.4110, -36.3890

Conversions

Conversions Part 2

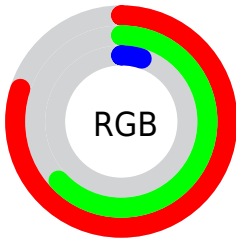
Format	Color
RYB	70, 204, 13
Decimal	13410317
CIELab	68.03, 4.68, 69.89
CIELCh	68, 70.046, 86.166
Yxy	38.0080, 0.4619, 0.4676
Android (android.graphics.Color)	4291600397 (0xFFCCA00D)
YUV	156.3980, -70.6952, 41.7470
Hunter-Lab	61.6507, 0.8180, 37.6370

Details

The YUV color **156.3980, -70.6952, 41.7470** 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 **60.6020, 70.6952, -41.7470**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9830, -64.5746, 38.6029**, and **107.3380, -52.9176, 33.0296** is the 20% darker color. If you saturate the color by 10%, you get **153.1550, -75.5054, 44.5911**, and if you desaturate by 10%, it is **161.6130, -63.4062, 37.1734**.

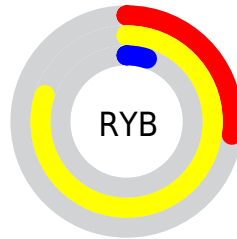
Distribution



Red (80%)

Green (63%)

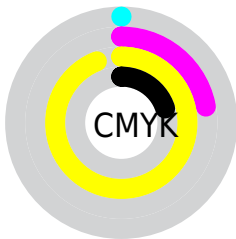
Blue (5%)



Red (27%)

Yellow (80%)

Blue (5%)

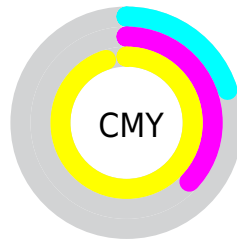


Cyan (0%)

Magenta (22%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3980, -70.6952, 41.7470 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 156.3980, -70.6952, 41.7470 by changing the saturation by 10% instead.

■ 156.3980,
-70.6952, 41.7470

■ 156.3980,
-70.6952, 41.7470

■ 255.0000, 0.0000,
0.0000

■ 130.6840,
-64.4272, 37.9881

■ 210.9830,
-64.5746, 38.6029

■ 107.3380,
-52.9176, 33.0296

■ 231.1980,
-60.7366, 20.8744

■ 84.5790, -41.6974,
27.5562

■ 241.4340,
-51.9790, 11.8974

■ 62.7060, -30.9141,
22.1828

■ 244.6260,
-39.7486, 9.0980

■ 42.3060, -20.8569,
16.3946

■ 247.9320,
-27.0815, 6.1986

■ 23.0910, -11.3839,
11.3212

■ 251.2380,

■ 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,
0.3999

■ 156.3980,
-70.6952, 41.7470

■ 156.3980,
-70.6952, 41.7470

■ 153.1550,
-75.5054, 44.5911

■ 161.6130,
-63.4062, 37.1734

■ 166.3550,
-55.3910, 33.0147

■ 171.5700,
-48.1020, 28.4411

■ 176.8990,
-40.3762, 23.7676

■ 181.5270,
-32.7978, 19.7088

■ 186.7420,
-25.5088, 15.1353

■ 192.0710,
-17.7830, 10.4617

■ 197.2860,
-10.4940, 5.8882

■ 202.0280, -2.4788,
1.7294

Harmonies

Analogous

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



161.0200, -50.2959, 78.9125



156.3980, -70.6952, 41.7470



151.8200, -57.5923, -7.7351

Triad

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



156.3980, -70.6952, 41.7470



139.5450, 39.6643, -122.3810



169.7720, 33.1434, 56.3280

Complementary

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



156.3980, -70.6952, 41.7470



60.6020, 70.6952, -41.7470

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.



163.1440, 45.2850, -11.5273



156.3980, -70.6952, 41.7470



140.0130, 56.6886, -122.7914

Square

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



156.3980, -70.6952, 41.7470



132.1350, 11.2724, -115.8824



132.3820, 60.4507, -116.0990



157.4710, 9.6278, 85.5329

Rectangle

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



156.3980, -70.6952, 41.7470



144.5880, -35.7859, -48.7507



132.3820, 60.4507, -116.0990



170.4150, 41.2074, 36.4700

Sweetspot

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



156.3980, -70.6952, 41.7470



237.5140, -26.3824, 15.3352



75.2390, -8.4988, 112.9234



117.1140, -16.3252, 9.5470



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.



156.3980, -70.6952, 41.7470



191.2970, -94.3094, 55.8675



166.9770, -75.9107, -12.2578



99.6860, -3.7892, 2.0294



124.7700, -61.5116, 36.1587



28.3850, -13.9938, 8.4324

Inverse Universe

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



60.6020, 70.6952, -41.7470



63.7030, 94.3094, -55.8675



50.0230, 75.9107, 12.2578



94.3140, 3.7892, -2.0294



41.2300, 61.5116, -36.1587



9.6150, 13.9938, -8.4324

Previews

White Background



This preview shows how the YUV color 156.3980, -70.6952, 41.7470 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 156.3980, -70.6952, 41.7470 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 156.3980, -70.6952, 41.7470

Background



This preview shows how black text looks on a background with the YUV color 156.3980, -70.6952, 41.7470.



This preview shows how white text looks on a background with the YUV color 156.3980, -70.6952, 41.7470.

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

156.3980, -70.6952, 41.7470

Protanopia

155.7660, -68.9046, 27.3922

Deuteranopia

156.8870, -68.9643, 46.5801



Tritanopia

169.0910, -4.4819, 37.6312

Trichromacy



Original Color

156.3980, -70.6952, 41.7470

Protanomaly

155.6850, -69.3577, 32.7253

Deuteranomaly

156.7620, -69.3957, 44.9357

Tritanomaly

164.5000, -28.3475, 39.0265

Monochromacy



Original Color

156.3980, -70.6952, 41.7470

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.7420, -25.5088, 15.1353

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3980, -70.6952, 41.7470 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(204, 160, 13)` looks like.

```
.text, #text, p{  
    color:rgb(204, 160, 13)  
}
```

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(204, 160, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 160, 13) }
```

Border

The CSS property to change the border of an element to YUV 156.3980, -70.6952, 41.7470 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(204, 160, 13) }
```


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

```
.border{ border-color:rgb(204, 160, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 160, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 160, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 160, 13);  
box-shadow:4px 4px 4px 4px rgb(204, 160,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 156.3980, -70.6952, 41.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 160, 13) }
```

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

```
.background{ background-color: rgb(204,  
160, 13) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor