

Converting Colors

YUV(154.5620, -76.1991,
33.7101)

Have a look what the booklet for
YUV(154.5620, -76.1991, 33.7101)
contains.

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Color

**YUV(154.5620, -76.1991,
33.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A500
RGB	193, 165, 0
RGB Percent	76%, 65%, 0%
CMY	0.2431, 0.3529, 1.0000
CMYK	0.00, 0.15, 1.00, 0.24
HSL	51°, 100%, 38%
HSV	51°, 100%, 76%
XYZ	35.4475, 38.2477, 5.5143
YIQ	154.5620, 69.6530, -45.3790

Conversions

Conversions Part 2

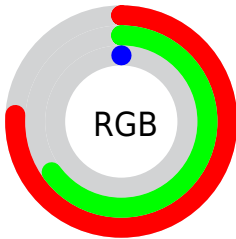
Format	Color
RYB	33, 193, 0
Decimal	12690688
CIELab	68.20, -3.04, 71.18
CIELCh	68, 71.247, 92.446
Yxy	38.2477, 0.4475, 0.4829
Android (android.graphics.Color)	4290880768 (0xFFC1A500)
YUV	154.5620, -76.1991, 33.7101
Hunter-Lab	61.8447, -5.9177, 38.0048

Details

The YUV color **154.5620, -76.1991, 33.7101** 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 **38.4380, 76.1991, -33.7101**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8640, -67.4740, 35.1993**, and **107.2830, -52.8905, 24.3078** is the 20% darker color. If you saturate the color by 10%, you get **154.5620, -76.1991, 33.7101**, and if you desaturate by 10%, it is **158.4890, -68.7681, 30.2661**.

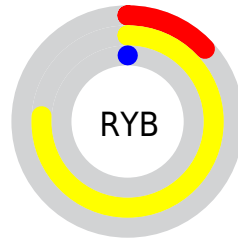
Distribution



Red (76%)

Green (65%)

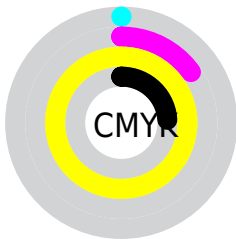
Blue (0%)



Red (13%)

Yellow (76%)

Blue (0%)

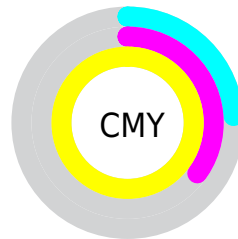


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5620, -76.1991, 33.7101 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 154.5620, -76.1991, 33.7101 by changing the saturation by 10% instead.

■ 154.5620,
-76.1991, 33.7101

■ 154.5620,
-76.1991, 33.7101

■ 255.0000, 0.0000,
0.0000

■ 130.3300,
-64.2527, 28.6516

■ 213.8640,
-67.4740, 35.1993

■ 107.2830,
-52.8905, 24.3078

■ 233.7910,
-63.4940, 18.6003

■ 83.9370, -41.3809,
19.3493

■ 241.0920,
-53.2894, 12.1973

■ 62.3630, -30.7450,
14.5906

■ 244.2840,
-41.0590, 9.3979

■ 41.9630, -20.6878,
8.8024

■ 247.5900,
-28.3919, 6.4986

■ 22.4600, -11.0728,
4.8586

■ 250.8960,

■ 0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,
0.6998

154.5620,
-76.1991, 33.7101

158.4890,
-68.7681, 30.2661

162.5300,
-60.9003, 26.7222

165.8700,
-53.1799, 23.7930

169.7970,
-45.7489, 20.3490

173.8380,
-37.8811, 16.8051

■ 177.7650,
-30.4501, 13.3611

■ 181.6920,
-23.0192, 9.9171

■ 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.



160.3800, -56.3893, 73.3347



154.5620, -76.1991, 33.7101



149.8230, -52.1707, -20.0158

Triad

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



154.5620, -76.1991, 33.7101



141.1410, 45.7795, -123.7807



168.7090, 28.7375, 69.5382

Complementary

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



154.5620, -76.1991, 33.7101



38.4380, 76.1991, -33.7101

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.



167.0860, 43.3416, 5.1866



154.5620, -76.1991, 33.7101



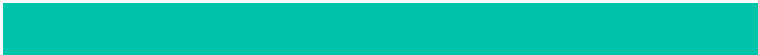
139.4260, 56.9780, -122.2766

Square

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



154.5620, -76.1991, 33.7101



134.4320, 17.5350, -117.8969



130.0340, 61.6082, -114.0398



154.2280, 4.8176, 88.3770

Rectangle

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



154.5620, -76.1991, 33.7101



139.2420, -27.7273, -66.8642



130.0340, 61.6082, -114.0398



170.7650, 37.0909, 50.1951

Sweetspot

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



154.5620, -76.1991, 33.7101



234.9930, -29.5765, 13.1611



61.0130, -15.7824, 115.7526



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.



154.5620, -76.1991, 33.7101



200.3680, -98.7814, 43.5273



150.6660, -74.2783, -22.5091



94.6860, -3.7892, 2.0294



128.5580, -63.3791, 28.4516



26.3030, -12.9674, 5.8733

Inverse Universe

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



38.4380, 76.1991, -33.7101



49.6320, 98.7814, -43.5273



42.3340, 74.2783, 22.5091



89.3140, 3.7892, -2.0294



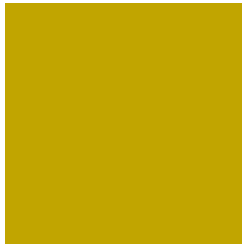
31.8550, 63.6685, -27.9368



6.6970, 12.9674, -5.8733

Previews

White Background



This preview shows how the YUV color 154.5620, -76.1991, 33.7101 looks on a white background.

Color Contrast Check

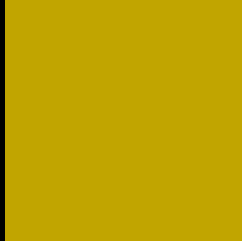
Large Text (above 18pt) WCAG AA × Fail

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 154.5620, -76.1991, 33.7101 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 154.5620, -76.1991, 33.7101 Background



This preview shows how black text looks on a background with the YUV color 154.5620, -76.1991, 33.7101.



This preview shows how white text looks on a background with the YUV color 154.5620, -76.1991,

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

154.9250, -73.4200, 29.0068

Deuteranopia

157.7020, -68.3801, 45.8653

Tritanopia

169.0190, -1.9814, 28.9243

Trichromacy



Protanomaly

154.7080, -74.2990, 30.9511

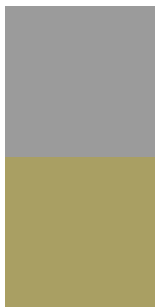
Deuteranomaly

156.8710, -71.4214, 41.3321

Tritanomaly

163.6300, -28.9046, 31.0195

Monochromacy



Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.1500, -27.6820, 12.1464

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5620, -76.1991, 33.7101 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, 165, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 165, 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, 165, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 0) }
```

Border

The CSS property to change the border of an element to YUV 154.5620, -76.1991, 33.7101 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, 165, 0) }
```

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

```
.border{ border-color:rgb(193, 165, 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, 165, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 154.5620, -76.1991, 33.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 0) }
```

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

```
.background{ background-color: rgb(193,  
165, 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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