

Converting Colors

YUV(149.5440, -68.7952,
38.9879)

Have a look what the booklet for
YUV(149.5440, -68.7952, 38.9879)
contains.

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Color

**YUV(149.5440, -68.7952,
38.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	C29A0A
RGB	194, 154, 10
RGB Percent	76%, 60%, 4%
CMY	0.2392, 0.3961, 0.9608
CMYK	0.00, 0.21, 0.95, 0.24
HSL	47°, 90%, 40%
HSV	47°, 95%, 76%
XYZ	33.8585, 34.6025, 5.1816
YIQ	149.5440, 70.0640, -36.3040

Conversions

Conversions Part 2

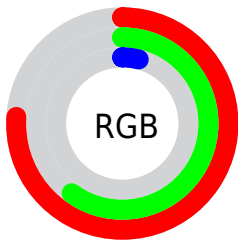
Format	Color
RYB	61, 194, 10
Decimal	12753418
CIELab	65.44, 3.42, 67.93
CIELCh	65, 68.020, 87.120
Yxy	34.6025, 0.4598, 0.4699
Android (android.graphics.Color)	4290943498 (0xFFC29A0A)
YUV	149.5440, -68.7952, 38.9879
Hunter-Lab	58.8238, -0.1986, 35.9541

Details

The YUV color **149.5440, -68.7952, 38.9879** 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 **54.4560, 68.7952, -38.9879**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2330, -63.7119, 41.8917**, and **100.8260, -49.7072, 29.9706** is the 20% darker color. If you saturate the color by 10%, you get **147.2300, -72.5844, 41.0173**, and if you desaturate by 10%, it is **154.0580, -61.6536, 35.0291**.

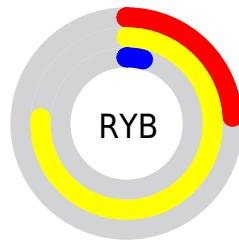
Distribution



Red (76%)

Green (60%)

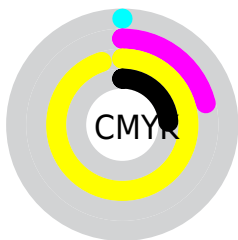
Blue (4%)



Red (24%)

Yellow (76%)

Blue (4%)

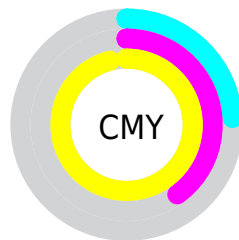


Cyan (0%)

Magenta (21%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5440, -68.7952, 38.9879 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 149.5440, -68.7952, 38.9879 by changing the saturation by 10% instead.

■ 149.5440,
-68.7952, 38.9879

■ 149.5440,
-68.7952, 38.9879

■ 255.0000, 0.0000,
0.0000

■ 124.1720,
-61.2168, 34.9292

■ 207.2330,
-63.7119, 41.8917

■ 100.8260,
-49.7072, 29.9706

■ 226.8610,
-59.5845, 24.6779

■ 78.9530, -38.9238,
24.5972

■ 241.0920,
-53.2894, 12.1973

■ 57.0800, -28.1404,
19.2238

■ 244.2840,
-41.0590, 9.3979

■ 36.9790, -18.2306,
14.0504

■ 247.4760,
-28.8287, 6.5985

■ 17.4760, -8.6157,
10.1065

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.2020, -3.0576,
0.6998

149.5440,
-68.7952, 38.9879

149.5440,
-68.7952, 38.9879

147.2300,
-72.5844, 41.0173

154.0580,
-61.6536, 35.0291

158.6860,
-54.0752, 30.9704

163.7870,
-47.2230, 26.4968

168.4150,
-39.6446, 22.4380

172.9290,
-32.5030, 18.4793

■ 177.4430,
-25.3614, 14.5205

■ 182.6580,
-18.0724, 9.9469

■ 187.1720,
-10.9308, 5.9882

■ 191.8000, -3.3524,
1.9294

Harmonies

Analogous

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



154.2260, -49.4114, 75.2238



149.5440, -68.7952, 38.9879



145.3190, -54.3873, -9.0498

Triad

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



149.5440, -68.7952, 38.9879



134.0510, 38.9219, -117.5627



162.9030, 31.1068, 56.2131

Complementary

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



149.5440, -68.7952, 38.9879



54.4560, 68.7952, -38.9879

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.



158.1380, 47.7530, -9.7680



149.5440, -68.7952, 38.9879



135.3170, 59.0037, -118.6730

Square

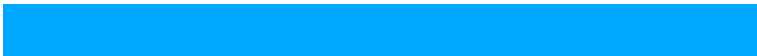
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



149.5440, -68.7952, 38.9879



126.9830, 11.8404, -111.3641



127.6860, 62.7658, -111.9806



153.3960, 6.7068, 89.1067

Rectangle

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



149.5440, -68.7952, 38.9879



137.5710, -33.3125, -48.7358



127.6860, 62.7658, -111.9806



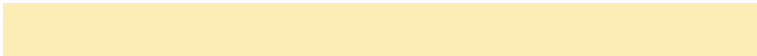
163.5460, 39.1708, 36.3552

Sweetspot

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



149.5440, -68.7952, 38.9879



235.2150, -26.2350, 14.7204



69.9180, -8.3406, 108.8199



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.



149.5440, -68.7952, 38.9879



191.5740, -94.4460, 52.9936



158.3730, -73.1479, -11.7281



94.6860, -3.7892, 2.0294



122.1010, -60.1958, 34.1144



25.1290, -12.3886, 6.9029

Inverse Universe

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



54.4560, 68.7952, -38.9879



61.0130, 94.1566, -53.5084



45.6270, 73.1479, 11.7281



89.3140, 3.7892, -2.0294



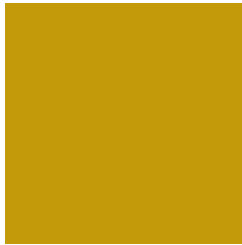
38.8990, 60.1958, -34.1144



7.8710, 12.3886, -6.9029

Previews

White Background



This preview shows how the YUV color 149.5440, -68.7952, 38.9879 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 149.5440, -68.7952, 38.9879 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 149.5440, -68.7952, 38.9879

Background



This preview shows how black text looks on a background with the YUV color 149.5440, -68.7952, 38.9879.



This preview shows how white text looks on a background with the YUV color 149.5440, -68.7952, 38.9879.

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

149.5440, -68.7952, 38.9879

Protanopia

149.2220, -67.1574, 26.9923

Deuteranopia

150.4460, -66.7749, 44.3359



Tritanopia

161.8950, -3.8922, 35.1721

Trichromacy



Original Color

149.5440, -68.7952, 38.9879

Protanomaly

149.4290, -67.7525, 31.1958

Deuteranomaly

149.9080, -67.4956, 42.1767

Tritanomaly

157.4180, -27.3211, 36.4674

Monochromacy



Original Color

149.5440, -68.7952, 38.9879

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.5570, -24.9246, 14.4205

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5440, -68.7952, 38.9879 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(194, 154, 10)` looks like.

```
.text, #text, p{  
    color:rgb(194, 154, 10)  
}
```

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(194, 154, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 154, 10) }
```

Border

The CSS property to change the border of an element to YUV 149.5440, -68.7952, 38.9879 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(194, 154, 10) }
```


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

```
.border{ border-color:rgb(194, 154, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 154, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 154, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 154, 10);  
box-shadow:4px 4px 4px 4px rgb(194, 154,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 149.5440, -68.7952, 38.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 154, 10) }
```

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

```
.background{ background-color: rgb(194,  
154, 10) }
```

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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