

Converting Colors

YUV(148.9310, -72.4370,
40.4025)

Have a look what the booklet for
YUV(148.9310, -72.4370, 40.4025)
contains.

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Color

**YUV(148.9310, -72.4370,
40.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	C39A02
RGB	195, 154, 2
RGB Percent	76%, 60%, 1%
CMY	0.2353, 0.3961, 0.9922
CMYK	0.00, 0.21, 0.99, 0.24
HSL	47°, 98%, 39%
HSV	47°, 99%, 76%
XYZ	34.0722, 34.7177, 4.9628
YIQ	148.9310, 73.2280, -38.5800

Conversions

Conversions Part 2

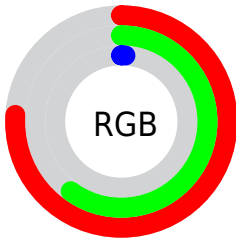
Format	Color
RYB	54, 195, 2
Decimal	12818946
CIELab	65.53, 3.77, 69.12
CIELCh	66, 69.227, 86.876
Yxy	34.7177, 0.4620, 0.4707
Android (android.graphics.Color)	4291009026 (0xFFC39A02)
YUV	148.9310, -72.4370, 40.4025
Hunter-Lab	58.9217, 0.1069, 36.2514

Details

The YUV color **148.9310, -72.4370, 40.4025** 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 **48.0690, 72.4370, -40.4025**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8910, -65.0223, 42.1916**, and **101.1250, -49.8546, 30.5854** is the 20% darker color. If you saturate the color by 10%, you get **148.7030, -73.3106, 40.6025**, and if you desaturate by 10%, it is **153.4450, -65.2954, 36.4437**.

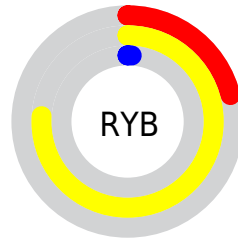
Distribution



Red (76%)

Green (60%)

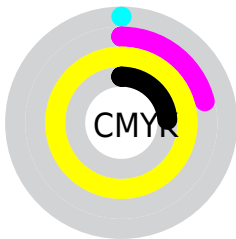
Blue (1%)



Red (21%)

Yellow (76%)

Blue (1%)

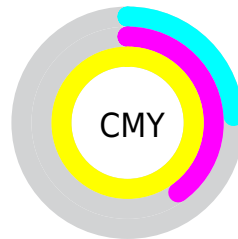


Cyan (0%)

Magenta (21%)

Yellow (99%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9310, -72.4370, 40.4025 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 148.9310, -72.4370, 40.4025 by changing the saturation by 10% instead.

■ 148.9310,
-72.4370, 40.4025

■ 148.9310,
-72.4370, 40.4025

■ 255.0000, 0.0000,
0.0000

■ 124.4710,
-61.3642, 35.5439

■ 206.8910,
-65.0223, 42.1916

■ 101.1250,
-49.8546, 30.5854

■ 226.5190,
-60.8949, 24.9778

■ 79.2520, -39.0712,
25.2120

■ 240.8640,
-54.1630, 12.3973

■ 57.3790, -28.2878,
19.8386

■ 244.0560,
-41.9326, 9.5979

■ 37.2780, -18.3781,
14.6652

■ 247.2480,
-29.7023, 6.7985

■ 17.4760, -8.6157,
10.1065

■ 250.5540,

■ 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

148.9310,
-72.4370, 40.4025

148.9310,
-72.4370, 40.4025

148.7030,
-73.3106, 40.6025

153.4450,
-65.2954, 36.4437

158.0730,
-57.7170, 32.3850

162.7010,
-50.1386, 28.3262

167.8020,
-43.2864, 23.8526

172.3160,
-36.1448, 19.8939

■ 176.9440,
-28.5664, 15.8351

■ 181.4580,
-21.4248, 11.8763

■ 186.0860,
-13.8464, 7.8176

■ 190.7140, -6.2680,
3.7588

Harmonies

Analogous

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



153.8240, -49.7062, 76.4534



148.9310, -72.4370, 40.4025



144.8630, -56.1345, -8.6499

Triad

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



148.9310, -72.4370, 40.4025



134.7520, 39.0693, -118.1775



162.5440, 32.2698, 56.5279

Complementary

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



148.9310, -72.4370, 40.4025



48.0690, 72.4370, -40.4025

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.



157.8390, 47.9004, -10.3828



148.9310, -72.4370, 40.4025



135.9040, 58.7143, -119.1878

Square

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



148.9310, -72.4370, 40.4025



127.4560, 11.1142, -111.7789



127.6860, 62.7658, -111.9806



152.3360, 7.7224, 90.0363

Rectangle

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



148.9310, -72.4370, 40.4025



137.6310, -34.3281, -49.6654



127.6860, 62.7658, -111.9806



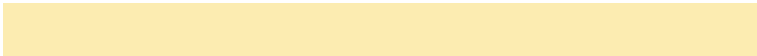
163.4860, 40.1864, 37.2848

Sweetspot

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



148.9310, -72.4370, 40.4025



234.0580, -28.1296, 15.7351



64.4950, -10.1040, 114.4529



116.8860, -17.1988, 9.7470



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.



148.9310, -72.4370, 40.4025



192.1610, -94.7354, 52.4788



156.5530, -76.1946, -14.5170



94.6860, -3.7892, 2.0294



122.6880, -60.4852, 33.5996



25.1290, -12.3886, 6.9029

Inverse Universe

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



48.0690, 72.4370, -40.4025



60.4260, 94.4460, -52.9936



40.4470, 76.1946, 14.5170



89.3140, 3.7892, -2.0294



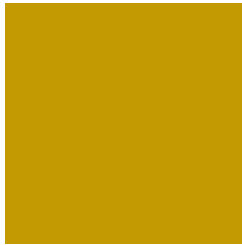
38.3120, 60.4852, -33.5996



7.8710, 12.3886, -6.9029

Previews

White Background



This preview shows how the YUV color 148.9310, -72.4370, 40.4025 looks on a white background.

Color Contrast Check

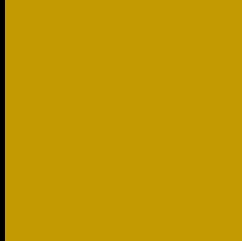
Large Text (above 18pt) WCAG AA × Fail

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 148.9310, -72.4370, 40.4025 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 148.9310, -72.4370, 40.4025

Background



This preview shows how black text looks on a background with the YUV color 148.9310, -72.4370, 40.4025.



This preview shows how white text looks on a background with the YUV color 148.9310, -72.4370,

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

148.9310, -72.4370, 40.4025

Protanopia

148.7660, -68.9046, 27.3922

Deuteranopia

150.4030, -68.2327, 45.2506



Tritanopia

162.1940, -4.0396, 35.7869

Trichromacy



Original Color

148.9310, -72.4370, 40.4025

Protanomaly

148.7450, -70.3733, 31.7956

Deuteranomaly

149.6370, -69.8270, 43.2914

Tritanomaly

157.3750, -28.7789, 37.3821

Monochromacy



Original Color

148.9310, -72.4370, 40.4025

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2150, -26.2350, 14.7204

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9310, -72.4370, 40.4025 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(195, 154, 2)` looks like.

```
.text, #text, p{  
    color:rgb(195, 154, 2)  
}
```

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(195, 154, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 154, 2) }
```

Border

The CSS property to change the border of an element to YUV 148.9310, -72.4370, 40.4025 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(195, 154, 2) }
```


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

```
.border{ border-color:rgb(195, 154, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 154, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 154, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 154, 2);  
box-shadow:4px 4px 4px 4px rgb(195, 154,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 148.9310, -72.4370, 40.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 154, 2) }
```

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

```
.background{ background-color: rgb(195,  
154, 2) }
```

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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