

Converting Colors

YUV(157.1330, -72.0436,
54.2574)

Have a look what the booklet for
YUV(157.1330, -72.0436, 54.2574)
contains.

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Color

**YUV(157.1330, -72.0436,
54.2574)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9A0B
RGB	219, 154, 11
RGB Percent	86%, 60%, 4%
CMY	0.1412, 0.3961, 0.9569
CMYK	0.00, 0.30, 0.95, 0.14
HSL	41°, 90%, 45%
HSV	41°, 95%, 86%
XYZ	40.8294, 38.1954, 5.5371
YIQ	157.1330, 84.6430, -30.6930

Conversions

Conversions Part 2

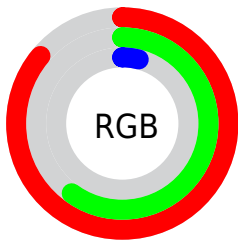
Format	Color
RYB	106, 219, 11
Decimal	14391819
CIELab	68.16, 14.49, 71.01
CIELCh	68, 72.476, 78.468
Yxy	38.1954, 0.4828, 0.4517
Android (android.graphics.Color)	4292581899 (0xFFDB9A0B)
YUV	157.1330, -72.0436, 54.2574
Hunter-Lab	61.8025, 9.7707, 37.9497

Details

The YUV color **157.1330, -72.0436, 54.2574** 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 **72.8670, 72.0436, -54.2574**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3470, -63.2751, 41.7917**, and **107.7030, -53.0976, 44.1105** is the 20% darker color. If you saturate the color by 10%, you get **154.1180, -75.9802, 56.9015**, and if you desaturate by 10%, it is **163.7500, -64.4597, 48.4543**.

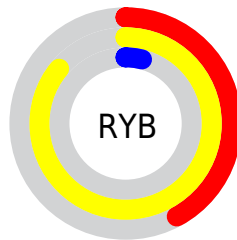
Distribution



Red (86%)

Green (60%)

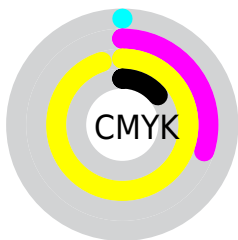
Blue (4%)



Red (42%)

Yellow (86%)

Blue (4%)

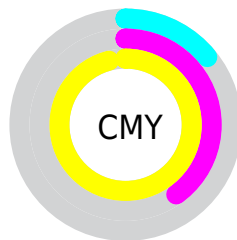


Cyan (0%)

Magenta (30%)

Yellow (95%)

Black (14%)



Cyan (14%)

Magenta (40%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.1330, -72.0436, 54.2574 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 157.1330, -72.0436, 54.2574 by changing the saturation by 10% instead.

■ 157.1330,
-72.0436, 54.2574

■ 157.1330,
-72.0436, 54.2574

■ 255.0000, 0.0000,
0.0000

■ 131.3480,
-64.7546, 49.6838

■ 207.3470,
-63.2751, 41.7917

■ 107.7030,
-53.0976, 44.1105

■ 226.9750,
-59.1477, 24.5779

■ 84.9440, -41.8774,
38.6371

■ 241.3200,
-52.4158, 11.9974

■ 62.7720, -30.9466,
32.6490

■ 244.5120,
-40.1854, 9.1980

■ 42.0730, -20.7420,
26.2460

■ 247.7040,
-27.9551, 6.3986

■ 22.5590, -11.1216,
20.5578

■ 251.0100,

■ 4.7840, -2.3585,

-15.2879, 3.4992

9.8364

254.4300, -2.1840,
0.4999

0.0000, 0.0000,
0.0000

157.1330,
-72.0436, 54.2574

157.1330,
-72.0436, 54.2574

154.1180,
-75.9802, 56.9015

163.7500,
-64.4597, 48.4543

170.3670,
-56.8759, 42.6511

176.9840,
-49.2921, 36.8480

183.0140,
-41.4189, 31.5597

189.5170,
-34.2719, 25.8566

■ 196.1340,
-26.6881, 20.0535

■ 202.7510,
-19.1042, 14.2504

■ 209.3680,
-11.5204, 8.4473

■ 215.9850, -3.9366,
2.6442

Harmonies

Analogous

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



158.0730, -43.9130, 85.0050



157.1330, -72.0436, 54.2574



151.5910, -70.2974, 7.3747

Triad

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



157.1330, -72.0436, 54.2574



139.1230, 32.9704, -122.0109



170.7470, 41.0437, 42.3179

Complementary

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



157.1330, -72.0436, 54.2574



72.8670, 72.0436, -54.2574

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.



155.8910, 48.8607, -38.4924



157.1330, -72.0436, 54.2574



142.3610, 55.5310, -124.8506

Square

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



157.1330, -72.0436, 54.2574



130.1970, 3.8469, -114.1828



135.3170, 59.0037, -118.6730



159.4090, 17.0534, 83.8333

Rectangle

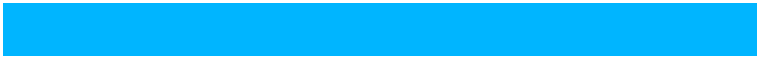
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157.1330, -72.0436, 54.2574



147.4130, -47.0386, -32.8112



135.3170, 59.0037, -118.6730



168.6580, 42.5666, 20.4709

Sweetspot

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



157.1330, -72.0436, 54.2574



233.9920, -24.6461, 18.4240



80.7160, -1.8320, 121.2751



114.7660, -15.1676, 11.6062



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.



157.1330, -72.0436, 54.2574



178.9700, -88.2322, 66.6783



183.9260, -85.2525, -2.5661



106.3980, -3.6472, 3.1590



121.5800, -59.9389, 45.0953



32.5380, -16.0412, 11.8062

Inverse Universe

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



72.8670, 72.0436, -54.2574



76.0300, 88.2322, -66.6783



46.0740, 85.2525, 2.5661



102.0150, 3.9366, -2.6442



51.4200, 59.9389, -45.0953



13.4620, 16.0412, -11.8062

Previews

White Background



This preview shows how the YUV color 157.1330, -72.0436, 54.2574 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 157.1330, -72.0436, 54.2574 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 157.1330, -72.0436, 54.2574

Background



This preview shows how black text looks on a background with the YUV color 157.1330, -72.0436, 54.2574.



This preview shows how white text looks on a background with the YUV color 157.1330, -72.0436, 54.2574.

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

157.1330, -72.0436, 54.2574

Protanopia

156.1790, -68.6152, 27.9070

Deuteranopia

155.8350, -76.8267, 48.3797



Tritanopia

169.0710, -7.4300, 49.9267

Trichromacy



Original Color

157.1330, -72.0436, 54.2574

Protanomaly

156.3050, -69.6634, 37.4435

Deuteranomaly

156.6010, -75.2323, 50.3389

Tritanomaly

164.5940, -30.8588, 51.2221

Monochromacy



Original Color

157.1330, -72.0436, 54.2574

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2480, -26.2513, 19.9535

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.1330, -72.0436, 54.2574 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(219, 154, 11)` looks like.

```
.text, #text, p{  
    color:rgb(219, 154, 11)  
}
```

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(219, 154, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 154, 11) }
```

Border

The CSS property to change the border of an element to YUV 157.1330, -72.0436, 54.2574 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(219, 154, 11) }
```


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

```
.border{ border-color:rgb(219, 154, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 154, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 154, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 154, 11);  
box-shadow:4px 4px 4px 4px rgb(219, 154,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 157.1330, -72.0436, 54.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 154, 11) }
```

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

```
.background{ background-color: rgb(219,  
154, 11) }
```

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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