

Converting Colors

YUV(146.3440, -72.1476,
40.9173)

Have a look what the booklet for
YUV(146.3440, -72.1476, 40.9173)
contains.

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Color

**YUV(146.3440, -72.1476,
40.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	C19700
RGB	193, 151, 0
RGB Percent	76%, 59%, 0%
CMY	0.2431, 0.4078, 1.0000
CMYK	0.00, 0.22, 1.00, 0.24
HSL	47°, 100%, 38%
HSV	47°, 100%, 76%
XYZ	33.0589, 33.4707, 4.7181
YIQ	146.3440, 73.5030, -38.0570

Conversions

Conversions Part 2

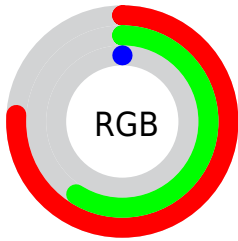
Format	Color
RYB	54, 193, 0
Decimal	12687104
CIELab	64.54, 4.47, 68.61
CIELCh	65, 68.760, 86.269
Yxy	33.4707, 0.4640, 0.4698
Android (android.graphics.Color)	4290877184 (0xFFC19700)
YUV	146.3440, -72.1476, 40.9173
Hunter-Lab	57.8538, 0.7545, 35.6625

Details

The YUV color **146.3440, -72.1476, 40.9173** 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 **46.6560, 72.1476, -40.9173**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7170, -64.4435, 43.2212**, and **99.3530, -48.9810, 30.3854** is the 20% darker color. If you saturate the color by 10%, you get **146.3440, -72.1476, 40.9173**, and if you desaturate by 10%, it is **150.8580, -65.0060, 36.9585**.

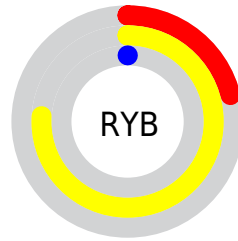
Distribution



Red (76%)

Green (59%)

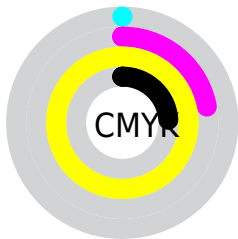
Blue (0%)



Red (21%)

Yellow (76%)

Blue (0%)

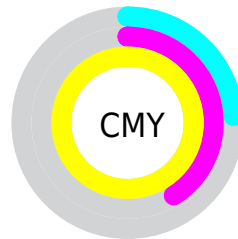


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3440, -72.1476, 40.9173 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 146.3440, -72.1476, 40.9173 by changing the saturation by 10% instead.

■ 146.3440,
-72.1476, 40.9173

■ 146.3440,
-72.1476, 40.9173

■ 255.0000, 0.0000,
0.0000

■ 122.1120,
-60.2012, 35.8588

■ 204.7170,
-64.4435, 43.2212

■ 99.3530, -48.9810,
30.3854

■ 224.6440,
-60.4635, 26.6222

■ 76.8930, -37.9082,
25.5268

■ 240.6360,
-55.0365, 12.5972

■ 55.6070, -27.4143,
19.6387

■ 243.8280,
-42.8062, 9.7978

■ 35.5060, -17.5045,
14.4652

■ 247.0200,
-30.5759, 6.9985

■ 15.4160, -7.6001,
11.0362

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

■ 253.6320, -5.2416,
1.1997

■ 146.3440,
-72.1476, 40.9173

■ 150.8580,
-65.0060, 36.9585

■ 155.4860,
-57.4276, 32.8998

■ 160.5870,
-50.5754, 28.4262

■ 165.1010,
-43.4338, 24.4674

■ 169.7290,
-35.8554, 20.4087

■ 174.2430,
-28.7138, 16.4499

■ 178.7570,
-21.5722, 12.4911

■ 183.8580,
-14.7200, 8.0175

■ 188.4860, -7.1416,
3.9588

Harmonies

Analogous

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



151.0520, -48.8326, 76.2534



146.3440, -72.1476, 40.9173



142.4610, -56.4293, -7.4203

Triad

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



146.3440, -72.1476, 40.9173



132.4210, 37.7534, -116.1332



159.9460, 32.5646, 55.2984

Complementary

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



146.3440, -72.1476, 40.9173



46.6560, 72.1476, -40.9173

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.



155.1700, 49.2162, -12.4271



146.3440, -72.1476, 40.9173



134.1430, 59.5825, -117.6434

Square

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



146.3440, -72.1476, 40.9173



125.3530, 10.6720, -109.9346



126.5120, 63.3446, -110.9510



151.0480, 7.8643, 91.1659

Rectangle

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



146.3440, -72.1476, 40.9173



135.5280, -34.7703, -47.8211



126.5120, 63.3446, -110.9510



161.0620, 39.9024, 35.0256

Sweetspot

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



146.3440, -72.1476, 40.9173



232.0580, -28.1296, 15.7351



62.8370, -8.7936, 114.1530



114.0000, -16.7620, 9.6470



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.



146.3440, -72.1476, 40.9173



189.8020, -93.5724, 52.7936



155.7490, -76.7843, -12.0579



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.



46.6560, 72.1476, -40.9173



60.1980, 93.5724, -52.7936



37.2510, 76.7843, 12.0579



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 146.3440, -72.1476, 40.9173 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 146.3440, -72.1476, 40.9173 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 146.3440, -72.1476, 40.9173

Background



This preview shows how black text looks on a background with the YUV color 146.3440, -72.1476, 40.9173.



This preview shows how white text looks on a background with the YUV color 146.3440, -72.1476, 40.9173.

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

146.1080, -67.5942, 27.0923

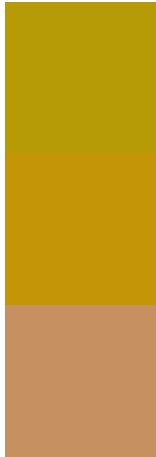
Deuteranopia

147.9190, -67.5011, 43.9210

Tritanopia

159.4930, -4.1870, 36.4016

Trichromacy



Protanomaly

146.3860, -69.2103, 32.1105

Deuteranomaly

147.4520, -69.2428, 42.5766

Tritanomaly

154.6740, -28.9263, 37.9969

Monochromacy



Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.2150, -26.2350, 14.7204

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3440, -72.1476, 40.9173 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, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 151, 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, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 151, 0) }
```

Border

The CSS property to change the border of an element to YUV 146.3440, -72.1476, 40.9173 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, 151, 0) }
```

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

```
.border{ border-color:rgb(193, 151, 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, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 151,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 146.3440, -72.1476, 40.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 151, 0) }
```

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

```
.background{ background-color: rgb(193,  
151, 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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