

Converting Colors

YUV(146.5450, -70.2747,
46.8800)

Have a look what the booklet for
YUV(146.5450, -70.2747, 46.8800)
contains.

YUV(146.5450, -70.2747, 46.8800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.5450, -70.2747,
46.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	C89304
RGB	200, 147, 4
RGB Percent	78%, 58%, 2%
CMY	0.2157, 0.4235, 0.9843
CMYK	0.00, 0.27, 0.98, 0.22
HSL	44°, 96%, 40%
HSV	44°, 98%, 78%
XYZ	34.2751, 33.1556, 4.7080
YIQ	146.5450, 77.4910, -33.2370

Conversions

Conversions Part 2

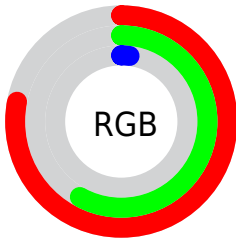
Format	Color
R_{YB}	77, 200, 4
Decimal	13144836
CIE _{Lab}	64.29, 9.83, 68.23
CIE _{LCh}	64, 68.932, 81.804
Yxy	33.1556, 0.4751, 0.4596
Android (android.graphics.Color)	4291334916 (0xFFC89304)
YUV	146.5450, -70.2747, 46.8800
Hunter-Lab	57.5809, 5.4857, 35.4588

Details

The YUV color **146.5450, -70.2747, 46.8800** 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 **57.4550, 70.2747, -46.8800**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7820, -62.9965, 45.7952**, and **99.0980, -48.8553, 36.7481** is the 20% darker color. If you saturate the color by 10%, you get **145.5020, -71.7325, 47.7947**, and if you desaturate by 10%, it is **151.7600, -62.9857, 42.3065**.

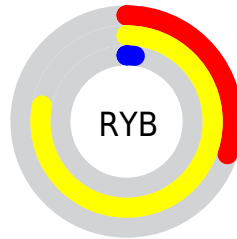
Distribution



Red (78%)

Green (58%)

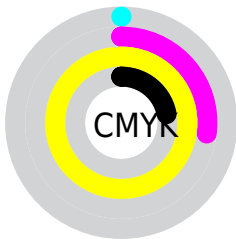
Blue (2%)



Red (30%)

Yellow (78%)

Blue (2%)

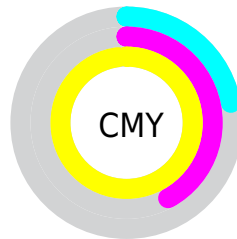


Cyan (0%)

Magenta (27%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.5450, -70.2747, 46.8800 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 146.5450, -70.2747, 46.8800 by changing the saturation by 10% instead.

■ 146.5450,
-70.2747, 46.8800

■ 146.5450,
-70.2747, 46.8800

■ 255.0000, 0.0000,
0.0000

■ 121.8570,
-60.0755, 42.2214

■ 202.7820,
-62.9965, 45.7952

■ 99.0980, -48.8553,
36.7481

■ 222.2960,
-59.3059, 28.6814

■ 76.3390, -37.6351,
31.2747

■ 240.7500,
-54.5998, 12.4972

■ 55.0530, -27.1411,
25.3865

■ 243.9420,
-42.3694, 9.6979

■ 34.6530, -17.0839,
19.5983

■ 247.1340,
-30.1391, 6.8985

■ 13.9760, -6.8902,
16.6840

■ 250.4400,

■ 0.0000, 0.0000,

-17.4719, 3.9991

0.0000

253.7460, -4.8048,
1.0998

146.5450,
-70.2747, 46.8800

146.5450,
-70.2747, 46.8800

145.5020,
-71.7325, 47.7947

151.7600,
-62.9857, 42.3065

157.5620,
-55.9861, 37.2181

162.7770,
-48.6971, 32.6446

168.5790,
-41.6974, 27.5562

173.7940,
-34.4084, 22.9827

■ 179.0090,
-27.1194, 18.4091

■ 184.8110,
-20.1198, 13.3208

■ 190.0260,
-12.8308, 8.7472

■ 195.8280, -5.8312,
3.6588

Harmonies

Analogous

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



150.4100, -45.0651, 81.2014



146.5450, -70.2747, 46.8800



142.1370, -61.6925, 0.7569

Triad

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



146.5450, -70.2747, 46.8800



130.8080, 34.1117, -114.7186



160.1020, 35.9387, 46.3915

Complementary

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



146.5450, -70.2747, 46.8800



57.4550, 70.2747, -46.8800

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.



151.5380, 51.0068, -26.7818



146.5450, -70.2747, 46.8800



134.3880, 57.9827, -117.8583

Square

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



146.5450, -70.2747, 46.8800



122.9250, 6.4460, -107.8052



127.6860, 62.7658, -111.9806



152.5470, 11.0693, 89.8513

Rectangle

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



146.5450, -70.2747, 46.8800



137.1010, -40.4758, -37.7996



127.6860, 62.7658, -111.9806



159.9190, 43.4239, 25.5040

Sweetspot

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



146.5450, -70.2747, 46.8800



234.8240, -26.5352, 17.6944



68.9880, -4.4311, 114.8975



115.2390, -15.8938, 11.1914



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.



146.5450, -70.2747, 46.8800



185.4270, -91.4155, 61.0155



165.0980, -79.4213, -6.2249



96.8000, -3.3524, 1.9294



118.5900, -58.4649, 38.9476



26.0260, -12.8308, 8.7472

Inverse Universe

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



57.4550, 70.2747, -46.8800



69.5730, 91.4155, -61.0155



38.9020, 79.4213, 6.2249



92.2000, 3.3524, -1.9294



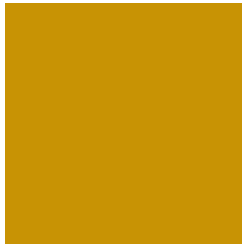
44.4100, 58.4649, -38.9476



9.9740, 12.8308, -8.7472

Previews

White Background



This preview shows how the YUV color 146.5450, -70.2747, 46.8800 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 146.5450, -70.2747, 46.8800 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 146.5450, -70.2747, 46.8800

Background



This preview shows how black text looks on a background with the YUV color 146.5450, -70.2747, 46.8800.



This preview shows how white text looks on a background with the YUV color 146.5450, -70.2747, 46.8800.

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

146.5450, -70.2747, 46.8800

Protanopia

146.1510, -66.1364, 26.1776

Deuteranopia

146.0780, -72.0165, 45.5356



Tritanopia

159.0700, -5.9505, 42.0346

Trichromacy



Original Color

146.5450, -70.2747, 46.8800

Protanomaly

146.1520, -67.6159, 34.0697

Deuteranomaly

146.4910, -71.7271, 46.0504

Tritanomaly

154.5930, -29.3793, 43.3299

Monochromacy



Original Color

146.5450, -70.2747, 46.8800

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7530, -25.5142, 16.8796

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.5450, -70.2747, 46.8800 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(200, 147, 4)` looks like.

```
.text, #text, p{  
    color:rgb(200, 147, 4)  
}
```

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(200, 147, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 147, 4) }
```

Border

The CSS property to change the border of an element to YUV 146.5450, -70.2747, 46.8800 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(200, 147, 4) }
```


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

```
.border{ border-color:rgb(200, 147, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 147, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 147, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 147, 4);  
box-shadow:4px 4px 4px 4px rgb(200, 147,  
4) }
```

Background

The CSS property to change the background color of an element to YUV 146.5450, -70.2747, 46.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 147, 4) }
```

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

```
.background{ background-color: rgb(200,  
147, 4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor