

Converting Colors

YUV(116.8310, -57.1047,
69.4312)

Have a look what the booklet for
YUV(116.8310, -57.1047, 69.4312)
contains.

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Color

**YUV(116.8310, -57.1047,
69.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	C46301
RGB	196, 99, 1
RGB Percent	77%, 39%, 0%
CMY	0.2314, 0.6118, 0.9961
CMYK	0.00, 0.49, 0.99, 0.23
HSL	30°, 99%, 39%
HSV	30°, 99%, 77%
XYZ	27.2323, 20.6616, 2.5815
YIQ	116.8310, 89.2700, -9.9140

Conversions

Conversions Part 2

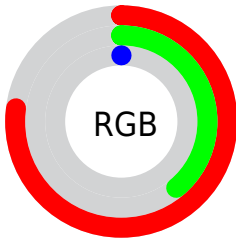
Format	Color
R_{YB}	194, 196, 1
Decimal	12870401
CIE Lab	52.58, 34.03, 60.78
CIE LCh	53, 69.660, 60.754
Yxy	20.6616, 0.5395, 0.4093
Android (android.graphics.Color)	4291060481 (0xFFC46301)
YUV	116.8310, -57.1047, 69.4312
Hunter-Lab	45.4551, 27.3935, 28.4513

Details

The YUV color **116.8310, -57.1047, 69.4312** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **80.1690, 57.1047, -69.4312**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1780, -53.3318, 72.6349**, and **69.7150, -34.3695, 57.2549** is the 20% darker color. If you saturate the color by 10%, you get **116.7170, -57.5415, 69.5312**, and if you desaturate by 10%, it is **124.9810, -51.2626, 62.2837**.

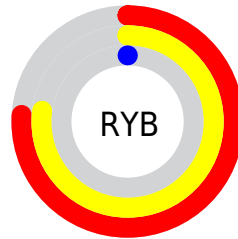
Distribution



Red (77%)

Green (39%)

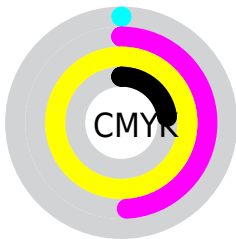
Blue (0%)



Red (76%)

Yellow (77%)

Blue (0%)

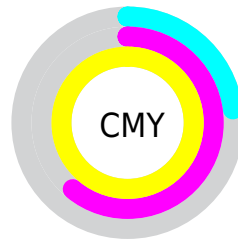


Cyan (0%)

Magenta (49%)

Yellow (99%)

Black (23%)



Cyan (23%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8310, -57.1047, 69.4312 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 116.8310, -57.1047, 69.4312 by changing the saturation by 10% instead.

■ 116.8310,
-57.1047, 69.4312

■ 116.8310,
-57.1047, 69.4312

■ 255.0000, 0.0000,
0.0000

■ 92.7730, -45.7371,
63.3431

■ 172.1780,
-53.3318, 72.6349

■ 69.7150, -34.3695,
57.2549

■ 190.9910,
-49.7886, 56.1359

■ 46.0700, -22.7125,
51.6816

■ 210.5050,
-46.0980, 39.0221

■ 22.7240, -11.2029,
46.7231

■ 230.6060,
-42.6968, 21.3935

■ 14.9500, -7.3703,
30.7388

■ 245.4240,
-36.6910, 8.3982


■ 1.4950, -0.7370,
3.0739

■ 248.6160,


■ 0.0000, 0.0000,


-24.4607, 5.5988


0.0000


 251.9220,
-11.7935, 2.6994

 116.8310,
-57.1047, 69.4312

 116.8310,
-57.1047, 69.4312


 116.7170,
-57.5415, 69.5312

 124.9810,
-51.2626, 62.2837

 132.4300,
-45.5680, 55.7509

 140.5800,
-39.7259, 48.6033

 148.6160,
-34.3207, 41.5558

 156.7660,
-28.4786, 34.4082

■ 164.3290,
-22.3472, 27.7755

■ 172.3650,
-16.9419, 20.7279

■ 180.5150,
-11.0999, 13.5803

■ 188.5510, -5.6946,
6.5328

Harmonies

Analogous

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



115.5300, -23.4323, 96.0052



116.8310, -57.1047, 69.4312



117.0510, -57.7061, 28.8963

Triad

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



116.8310, -57.1047, 69.4312



103.4740, 10.6123, -90.7467



126.5670, 50.4995, -4.0053

Complementary

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



116.8310, -57.1047, 69.4312



80.1690, 57.1047, -69.4312

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.



106.1150, 68.9633, -93.0629



116.8310, -57.1047, 69.4312



109.7270, 37.1096, -96.2306

Square

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



116.8310, -57.1047, 69.4312



94.0580, -15.3116, -82.4889



111.9220, 58.2125, -98.1556



125.1920, 29.4853, 62.9756

Rectangle

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



116.8310, -57.1047, 69.4312



112.7330, -55.5774, -0.6428



111.9220, 58.2125, -98.1556



119.4210, 58.4594, -37.2032

Sweetspot

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



116.8310, -57.1047, 69.4312



224.0300, -22.1998, 27.1607



70.4770, 14.0618, 110.0837



109.2550, -13.4367, 16.4394



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.



116.8310, -57.1047, 69.4312



151.3810, -74.6308, 90.8739



173.7700, -85.1756, 19.4957



92.9250, -2.9210, 3.5738



95.6860, -47.1732, 57.2804



19.8460, -9.7841, 11.5361

Inverse Universe

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



80.1690, 57.1047, -69.4312



103.6190, 74.6308, -90.8739



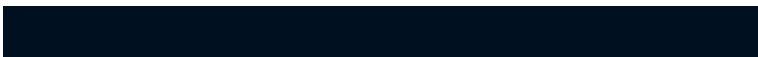
23.2300, 85.1756, -19.4957



91.0750, 2.9210, -3.5738



65.3140, 47.1732, -57.2804



13.1540, 9.7841, -11.5361

Previews

White Background



This preview shows how the YUV color 116.8310, -57.1047, 69.4312 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8310, -57.1047, 69.4312 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.8310, -57.1047, 69.4312

Background



This preview shows how black text looks on a background with the YUV color 116.8310, -57.1047, 69.4312.



This preview shows how white text looks on a background with the YUV color 116.8310, -57.1047, 69.4312.

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

116.8310, -57.1047, 69.4312

Protanopia

118.3580, -49.9695, 20.7340

Deuteranopia

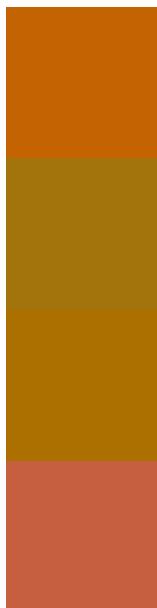
117.9810, -58.1646, 35.9737



Tritanopia

124.6770, -13.1518, 65.1813

Trichromacy



Original Color

116.8310, -57.1047, 69.4312

Protanomaly

117.7840, -52.6445, 38.7774

Deuteranomaly

117.1720, -57.7658, 48.0842

Tritanomaly

122.1490, -29.1605, 66.5213

Monochromacy



Original Color

116.8310, -57.1047, 69.4312

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7740, -20.5946, 25.6312

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8310, -57.1047, 69.4312 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(196, 99, 1)` looks like.

```
.text, #text, p{  
    color:rgb(196, 99, 1)  
}
```

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(196, 99, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 99, 1) }
```

Border

The CSS property to change the border of an element to YUV 116.8310, -57.1047, 69.4312 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(196, 99, 1) }
```


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

```
.border{ border-color:rgb(196, 99, 1) }
```

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

Here you see how a box with a 4 pixel rgb(196, 99, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 99, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 99, 1);  
box-shadow:4px 4px 4px 4px rgb(196, 99, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 116.8310, -57.1047, 69.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 99, 1) }
```

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

```
.background{ background-color: rgb(196, 99,  
1) }
```

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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