

# Converting Colors

YUV(106.1380, -45.9170,  
74.4240)

Have a look what the booklet for  
YUV(106.1380, -45.9170, 74.4240)  
contains.

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# Color

**YUV(106.1380, -45.9170,  
74.4240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF510D
RGB	191, 81, 13
RGB Percent	75%, 32%, 5%
CMY	0.2510, 0.6824, 0.9490
CMYK	0.00, 0.58, 0.93, 0.25
HSL	23°, 87%, 40%
HSV	23°, 93%, 75%
XYZ	24.5009, 16.9903, 2.3689
YIQ	106.1380, 87.3880, 2.1720

# Conversions

## Conversions Part 2

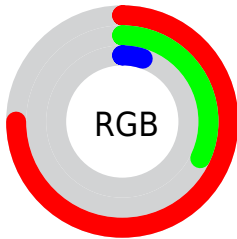
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 123, 13
Decimal	12538125
CIELab	48.25, 41.28, 54.94
CIELCh	48, 68.721, 53.078
Yxy	16.9903, 0.5586, 0.3874
Android (android.graphics.Color)	4290728205 (0xFFBF510D)
YUV	106.1380, -45.9170, 74.4240
Hunter-Lab	41.2193, 33.9675, 25.4461

# Details

The YUV color **106.1380, -45.9170, 74.4240** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **97.8620, 45.9170, -74.4240**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6550, -46.6649, 80.9866**, and **55.8930, -27.5552, 64.9918** is the 20% darker color. If you saturate the color by 10%, you get **99.9600, -49.2803, 79.8421**, and if you desaturate by 10%, it is **115.3480, -41.0906, 66.3468**.

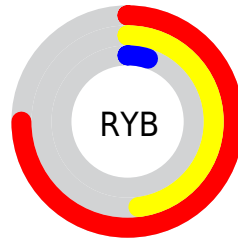
# Distribution



Red (75%)

Green (32%)

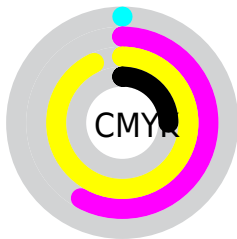
Blue (5%)



Red (75%)

Yellow (48%)

Blue (5%)

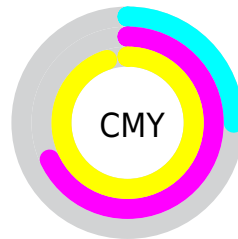


Cyan (0%)

Magenta (58%)

Yellow (93%)

Black (25%)



Cyan (25%)

Magenta (68%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.1380, -45.9170, 74.4240 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 106.1380, -45.9170, 74.4240 by changing the saturation by 10% instead.



106.1380,  
-45.9170, 74.4240

106.1380,  
-45.9170, 74.4240

255.0000, 0.0000,  
0.0000

80.1250, -39.5016,  
70.0504

161.6550,  
-46.6649, 80.9866

55.8930, -27.5552,  
64.9918

180.6530,  
-43.7059, 65.2023

29.9000, -14.7407,  
61.4777

200.0530,  
-40.4521, 48.1885

21.2290, -10.4659,  
43.6492

219.5670,  
-36.7615, 31.0747


13.6830, -5.7597,  
27.4650


239.6680,  
-33.3603, 13.4462


0.0000, 0.0000,  
0.0000


248.7300,


-24.0239, 5.4988


 251.9220,  
-11.7935, 2.6994


 106.1380,  
-45.9170, 74.4240


 106.1380,  
-45.9170, 74.4240


 99.9600, -49.2803,  
79.8421

 115.3480,  
-41.0906, 66.3468

 124.5580,  
-36.2641, 58.2696

 133.1810,  
-31.1482, 50.7073

 142.3910,  
-26.3218, 42.6301

 151.7150,  
-21.0585, 34.4529

■ 160.9250,  
-16.2320, 26.3758

■ 170.1350,  
-11.4056, 18.2986

■ 178.7580, -6.2897,  
10.7362

■ 187.9680, -1.4632,  
2.6591

# Harmonies

## Analogous

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



101.3590, -13.9810, 97.9092



106.1380, -45.9170, 74.4240



107.6590, -53.0759, 37.1331

# Triad

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



106.1380, -45.9170, 74.4240



92.8790, 3.0177, -81.4549



109.7810, 55.8170, -29.6259

# Complementary

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



106.1380, -45.9170, 74.4240



97.8620, 45.9170, -74.4240

# 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.



100.2960, 64.4371, -87.9596



106.1380, -45.9170, 74.4240



100.3060, 28.9361, -87.9684

# Square

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



106.1380, -45.9170, 74.4240



82.8760, -22.6169, -72.6823



103.4300, 51.0600, -90.7081



115.3580, 34.3335, 47.9210



# Rectangle

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



106.1380, -45.9170, 74.4240



105.1240, -51.8261, 9.5383



103.4300, 51.0600, -90.7081



92.4370, 67.3256, -81.0672

# Sweetspot

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



106.1380, -45.9170, 74.4240



214.4800, -17.9846, 28.5200



79.1040, 23.1197, 98.1328



104.8360, -11.2581, 17.6838



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.



106.1380, -45.9170, 74.4240



129.0310, -63.6123, 103.4588



156.6200, -70.8047, 30.1513



90.0390, -2.4842, 3.4738



82.4620, -40.6538, 66.2468



16.3130, -8.0423, 12.8805



# Inverse Universe

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



97.8620, 45.9170, -74.4240



117.9690, 63.6123, -103.4588



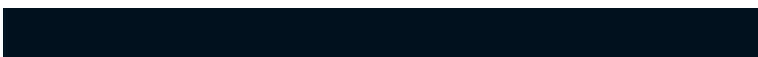
47.3800, 70.8047, -30.1513



89.5480, 2.1948, -3.9886



75.5380, 40.6538, -66.2468



14.6870, 8.0423, -12.8805



# Previews

## White Background



This preview shows how the YUV color 106.1380, -45.9170, 74.4240 looks on a white 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



# Black Background



This preview shows how the YUV color 106.1380, -45.9170, 74.4240 looks on a black 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

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

# YUV 106.1380, -45.9170, 74.4240

## Background



This preview shows how black text looks on a background with the YUV color 106.1380, -45.9170, 74.4240.



This preview shows how white text looks on a background with the YUV color 106.1380, -45.9170,



# 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

106.1380, -45.9170, 74.4240

### Protanopia

109.5840, -42.6859, 17.9048

### Deuteranopia

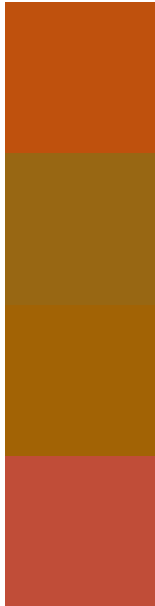
107.6370, -53.0650, 33.6444



## Tritanopia

110.8520, -15.2100, 72.0438

# Trichromacy



## Original Color

106.1380, -45.9170, 74.4240

## Protanomaly

108.0750, -43.9140, 38.5222

## Deuteranomaly

107.1210, -50.3457, 48.1289

## Tritanomaly

108.9910, -26.1246, 72.7989

# Monochromacy



## Original Color

106.1380, -45.9170, 74.4240

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

106.1100, -16.8162, 27.0905

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.1380, -45.9170, 74.4240 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(191, 81, 13)` looks like.

```
.text, #text, p{  
    color:rgb(191, 81, 13)  
}
```

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(191, 81, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 81, 13) }
```

## Border

The CSS property to change the border of an element to YUV 106.1380, -45.9170, 74.4240 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(191, 81, 13) }
```



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

```
.border{ border-color:rgb(191, 81, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 81, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 81, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 81, 13);  
box-shadow:4px 4px 4px 4px rgb(191, 81,  
13) }
```

# Background

The CSS property to change the background color of an element to YUV 106.1380, -45.9170, 74.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 81, 13) }
```

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

```
.background{ background-color: rgb(191, 81,  
13) }
```

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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