

# Converting Colors

YUV(121.9200, -45.3166,  
68.4762)

Have a look what the booklet for  
YUV(121.9200, -45.3166, 68.4762)  
contains.

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# Color

**YUV(121.9200, -45.3166,  
68.4762)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8641E
RGB	200, 100, 30
RGB Percent	78%, 39%, 12%
CMY	0.2157, 0.6078, 0.8824
CMYK	0.00, 0.50, 0.85, 0.22
HSL	25°, 74%, 45%
HSV	25°, 85%, 78%
XYZ	28.6109, 21.4874, 3.8678
YIQ	121.9200, 82.0700, -0.5700

# Conversions

## Conversions Part 2

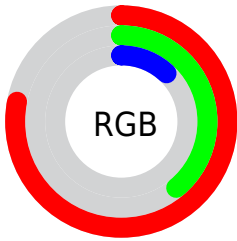
Format	Color
<a href="#">RYB</a>	<a href="#">200, 149, 30</a>
Decimal	<a href="#">13132830</a>
<a href="#">CIELab</a>	<a href="#">53.48, 35.62, 54.05</a>
<a href="#">CIElCh</a>	<a href="#">53, 64.726, 56.615</a>
<a href="#">Yxy</a>	<a href="#">21.4874, 0.5302, 0.3982</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291322910 (0xFFC8641E)</a>
<a href="#">YUV</a>	<a href="#">121.9200, -45.3166, 68.4762</a>
<a href="#">Hunter-Lab</a>	<a href="#">46.3545, 29.0532, 27.5010</a>

# Details

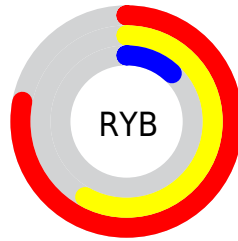
The YUV color **121.9200, -45.3166, 68.4762** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **108.0800, 45.3166, -68.4762**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7030, -46.1956, 70.4205**, and **70.9110, -34.9591, 59.7141** is the 20% darker color. If you saturate the color by 10%, you get **112.5960, -50.5798, 76.6533**, and if you desaturate by 10%, it is **131.2440, -40.0533, 60.2990**.

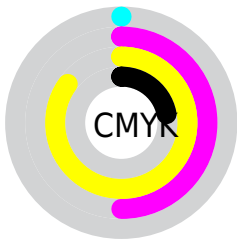
# Distribution



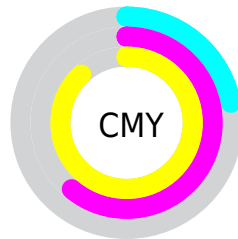
- Red (78%)
- Green (39%)
- Blue (12%)



- Red (78%)
- Yellow (58%)
- Blue (12%)



- Cyan (0%)
- Magenta (50%)
- Yellow (85%)
- Black (22%)



- Cyan (22%)
- Magenta (61%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.9200, -45.3166, 68.4762 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 121.9200, -45.3166, 68.4762 by changing the saturation by 10% instead.



121.9200,  
-45.3166, 68.4762

121.9200,  
-45.3166, 68.4762

255.0000, 0.0000,  
0.0000

94.5560, -46.6161,  
65.2874

174.7030,  
-46.1956, 70.4205

70.9110, -34.9591,  
59.7141

194.1030,  
-42.9418, 53.4067

47.2660, -23.3021,  
54.1407

213.5030,  
-39.6880, 36.3929

23.9200, -11.7926,  
49.1822

233.0170,  
-35.9974, 19.2791

15.8470, -7.8126,  
32.5832

247.3620,  
-29.2655, 6.6985

5.3820, -2.6533,  
11.0660

250.5540,

0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,  
0.9998

121.9200,  
-45.3166, 68.4762

121.9200,  
-45.3166, 68.4762

112.5960,  
-50.5798, 76.6533

131.2440,  
-40.0533, 60.2990

107.9340,  
-53.2115, 80.7419

140.5680,  
-34.7900, 52.1219

149.3050,  
-29.2374, 44.4595

158.6290,  
-23.9741, 36.2824

167.9530,  
-18.7108, 28.1052

■ 177.2770,  
-13.4476, 19.9281

■ 186.0140, -7.8949,  
12.2657

■ 195.3380, -2.6316,  
4.0886

■ 204.6620, 2.6316,  
-4.0886

# Harmonies

## Analogous

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



120.2350, -19.3429, 91.0019



121.9200, -45.3166, 68.4762



119.7420, -59.0328, 34.4293

# Triad

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



121.9200, -45.3166, 68.4762



103.3770, 7.7021, -90.6616



127.5720, 49.5110, -13.6566

# Complementary

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



121.9200, -45.3166, 68.4762



108.0800, 45.3166, -68.4762

# 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.



107.1920, 65.4743, -94.0074



121.9200, -45.3166, 68.4762



109.8750, 32.5996, -96.3604

# Square

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



121.9200, -45.3166, 68.4762



93.9440, -15.7484, -82.3889



112.0700, 53.7025, -98.2854



130.1150, 29.5233, 50.7651



# Rectangle

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



121.9200, -45.3166, 68.4762



116.3210, -57.3463, 6.7345



112.0700, 53.7025, -98.2854



119.3120, 57.0342, -46.7546

# Sweetspot

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



121.9200, -45.3166, 68.4762



224.5830, -17.5424, 26.6757



92.4580, 19.4942, 94.3143



109.3520, -10.5265, 16.3543



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.



121.9200, -45.3166, 68.4762



137.8800, -67.9748, 102.7142



170.6410, -69.3360, 25.7478



95.0390, -2.4842, 3.4738



88.0660, -43.4165, 65.7171



19.5690, -9.6475, 14.4100

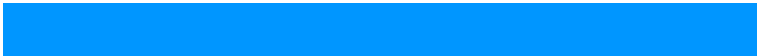


# Inverse Universe

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



108.0800, 45.3166, -68.4762



117.1200, 67.9748, -102.7142



59.3590, 69.3360, -25.7478



93.9610, 2.4842, -3.4738



74.9340, 43.4165, -65.7171



16.4310, 9.6475, -14.4100



# Previews

## White Background



This preview shows how the YUV color 121.9200, -45.3166, 68.4762 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 121.9200, -45.3166, 68.4762 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 121.9200, -45.3166, 68.4762

## Background



This preview shows how black text looks on a background with the YUV color 121.9200, -45.3166, 68.4762.



This preview shows how white text looks on a background with the YUV color 121.9200, -45.3166, 68.4762.



# 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

121.9200, -45.3166, 68.4762

### Protanopia

122.9970, -42.3965, 18.4196

### Deuteranopia

122.1040, -51.3233, 34.9888



## Tritanopia

126.6880, -13.1572, 66.9256

# Trichromacy



## Original Color

121.9200, -45.3166, 68.4762

## Protanomaly

122.1780, -43.4718, 36.6779

## Deuteranomaly

122.0500, -49.3246, 47.3142

## Tritanomaly

125.3000, -24.7979, 67.2659

# Monochromacy



## Original Color

121.9200, -45.3166, 68.4762

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.9140, -16.2266, 24.6314

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.9200, -45.3166, 68.4762 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, 100, 30)` looks like.

```
.text, #text, p{  
    color:rgb(200, 100, 30)  
}
```

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, 100, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 100, 30) }
```

## Border

The CSS property to change the border of an element to YUV 121.9200, -45.3166, 68.4762 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, 100, 30) }
```



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

```
.border{ border-color:rgb(200, 100, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 100, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 100, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 100, 30);  
box-shadow:4px 4px 4px 4px rgb(200, 100,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 121.9200, -45.3166, 68.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 100, 30) }
```

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

```
.background{ background-color: rgb(200,  
100, 30) }
```

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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