

# Converting Colors

YUV(109.8470, -34.4346,  
78.1872)

Have a look what the booklet for  
YUV(109.8470, -34.4346, 78.1872)  
contains.

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# Color

**YUV(109.8470, -34.4346,  
78.1872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C74E28
RGB	199, 78, 40
RGB Percent	78%, 31%, 16%
CMY	0.2196, 0.6941, 0.8431
CMYK	0.00, 0.61, 0.80, 0.22
HSL	14°, 67%, 47%
HSV	14°, 80%, 78%
XYZ	26.6606, 17.7441, 4.0273
YIQ	109.8470, 84.3140, 13.8340

# Conversions

## Conversions Part 2

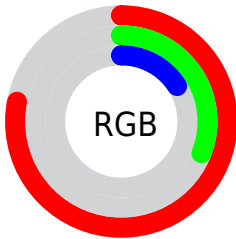
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 90, 40
Decimal	13061672
CIE <sub>Lab</sub>	49.18, 46.33, 45.75
CIE <sub>LCh</sub>	49, 65.115, 44.636
Yxy	17.7441, 0.5505, 0.3664
Android (android.graphics.Color)	4291251752 (0xFFC74E28)
YUV	109.8470, -34.4346, 78.1872
Hunter-Lab	42.1237, 39.2581, 23.8182

# Details

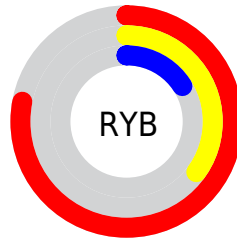
The YUV color **109.8470, -34.4346, 78.1872** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **129.1530, 34.4346, -78.1872**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1740, -37.0608, 80.5314**, and **53.5890, -26.4194, 74.0284** is the 20% darker color. If you saturate the color by 10%, you get **98.7620, -38.8297, 87.9087**, and if you desaturate by 10%, it is **120.9320, -30.0395, 68.4656**.

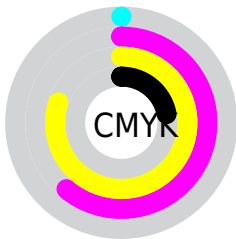
# Distribution



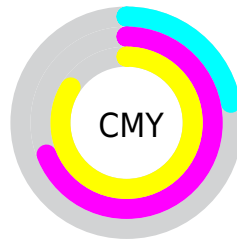
- Red (78%)
- Green (31%)
- Blue (16%)



- Red (78%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (61%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (69%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 109.8470, -34.4346, 78.1872 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 109.8470, -34.4346, 78.1872 by changing the saturation by 10% instead.



■ 109.8470,  
-34.4346, 78.1872

■ 109.8470,  
-34.4346, 78.1872

■ 255.0000, 0.0000,  
0.0000

■ 81.9930, -32.5345,  
75.4281

■ 163.1740,  
-37.0608, 80.5314

■ 53.5890, -26.4194,  
74.0284

■ 182.4600,  
-34.2438, 63.6176

■ 31.9930, -15.7725,  
65.7811

■ 201.2730,  
-30.7006, 47.1186

■ 23.3220, -11.4977,  
47.9526

■ 221.3740,  
-27.2994, 29.4900

■ 15.7760, -6.7916,  
31.7684

■ 241.5890,  
-23.4614, 11.7614

■ 0.0000, 0.0000,  
0.0000

■ 251.2380,

-14.4143, 3.2993

254.4300, -2.1840,  
0.4999

■ 109.8470,  
-34.4346, 78.1872

■ 109.8470,  
-34.4346, 78.1872

■ 98.7620, -38.8297,  
87.9087

■ 120.9320,  
-30.0395, 68.4656

■ 87.6770, -43.2248,  
97.6303

■ 132.0170,  
-25.6444, 58.7441

■ 143.1020,  
-21.2493, 49.0225

■ 154.7740,  
-17.1436, 38.7862

■ 165.8590,  
-12.7485, 29.0647

■ 176.8300, -8.7902,  
19.4431

■ 187.9150, -4.3951,  
9.7215

■ 199.0000, 0.0000,  
0.0000

■ 210.0850, 4.3951,  
-9.7215

# Harmonies

## Analogous

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



106.7590, -7.2762, 94.0504



109.8470, -34.4346, 78.1872



110.0840, -54.2714, 47.2843

# Triad

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



109.8470, -34.4346, 78.1872



91.9840, -2.9501, -80.6700



99.7440, 61.7512, -66.4275

# Complementary

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



109.8470, -34.4346, 78.1872



129.1530, 34.4346, -78.1872

# 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.



102.4330, 59.9325, -89.8337



109.8470, -34.4346, 78.1872



99.6560, 21.3686, -87.3983

# Square

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



109.8470, -34.4346, 78.1872



95.7890, -33.9130, -42.7880



103.7090, 44.5135, -90.9528



119.4480, 37.7401, 28.5481



# Rectangle

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



109.8470, -34.4346, 78.1872



108.4460, -53.4639, 21.5339



103.7090, 44.5135, -90.9528



97.0190, 64.5736, -85.0857

# Sweetspot

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



109.8470, -34.4346, 78.1872



220.4570, -13.0433, 30.2942



101.4490, 29.8516, 85.5522



106.7590, -7.7692, 18.6284



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.



109.8470, -34.4346, 78.1872



117.8880, -53.1888, 120.2472



156.2200, -57.2965, 37.5181



93.8650, -1.9054, 4.5034



71.6300, -35.3136, 80.1315



16.0470, -7.9112, 17.4988

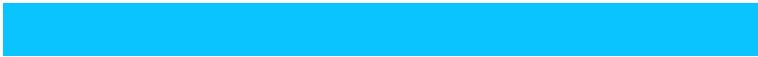


# Inverse Universe

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



129.1530, 34.4346, -78.1872



147.1120, 53.1888, -120.2472



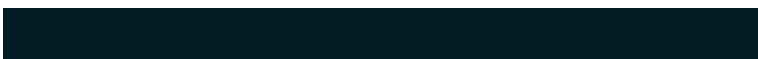
82.7800, 57.2965, -37.5181



95.1350, 1.9054, -4.5034



91.3700, 35.3136, -80.1315

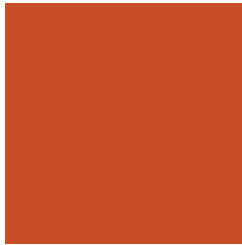


19.9530, 7.9112, -17.4988



# Previews

## White Background



This preview shows how the YUV color 109.8470, -34.4346, 78.1872 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 109.8470, -34.4346, 78.1872 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 109.8470, -34.4346, 78.1872

## Background



This preview shows how black text looks on a background with the YUV color 109.8470, -34.4346, 78.1872.



This preview shows how white text looks on a background with the YUV color 109.8470, -34.4346,



# 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

109.8470, -34.4346, 78.1872

### Protanopia

114.2490, -31.1818, 14.6906

### Deuteranopia

113.4160, -41.1241, 30.3302



## Tritanopia

112.1300, -16.8261, 77.0620

# Trichromacy



## Original Color

109.8470, -34.4346, 78.1872

## Protanomaly

112.4630, -32.2733, 38.1819

## Deuteranomaly

112.5090, -38.7049, 47.7886

## Tritanomaly

111.1210, -23.2307, 77.9469

# Monochromacy



## Original Color

109.8470, -34.4346, 78.1872

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

109.6740, -12.1643, 28.3499

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 109.8470, -34.4346, 78.1872 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(199, 78, 40)` looks like.

```
.text, #text, p{  
    color:rgb(199, 78, 40)  
}
```

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(199, 78, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 78, 40) }
```

## Border

The CSS property to change the border of an element to YUV 109.8470, -34.4346, 78.1872 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(199, 78, 40) }
```



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

```
.border{ border-color:rgb(199, 78, 40) }
```

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

Here you see how a box with a 4 pixel rgb(199, 78, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 78, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 78, 40);  
box-shadow:4px 4px 4px 4px rgb(199, 78,  
40) }
```

# Background

The CSS property to change the background color of an element to YUV 109.8470, -34.4346, 78.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 78, 40) }
```

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

```
.background{ background-color: rgb(199, 78,  
40) }
```

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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