

# Converting Colors

YUV(110.4450, -34.7294,  
79.4167)

Have a look what the booklet for  
YUV(110.4450, -34.7294, 79.4167)  
contains.

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# Color

**YUV(110.4450, -34.7294,  
79.4167)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C94E28
RGB	201, 78, 40
RGB Percent	79%, 31%, 16%
CMY	0.2118, 0.6941, 0.8431
CMYK	0.00, 0.61, 0.80, 0.21
HSL	14°, 67%, 47%
HSV	14°, 80%, 79%
XYZ	27.1948, 18.0195, 4.0523
YIQ	110.4450, 85.5060, 14.2580

# Conversions

## Conversions Part 2

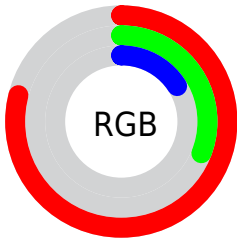
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 90, 40
Decimal	13192744
CIE Lab	49.52, 47.06, 46.19
CIE LCh	50, 65.941, 44.466
Yxy	18.0195, 0.5520, 0.3658
Android (android.graphics.Color)	4291382824 (0xFFC94E28)
YUV	110.4450, -34.7294, 79.4167
Hunter-Lab	42.4494, 40.0680, 24.0547

# Details

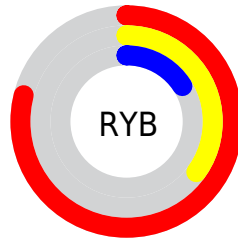
The YUV color **110.4450, -34.7294, 79.4167** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **130.5550, 34.7294, -79.4167**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1740, -37.0608, 80.5314**, and **53.8880, -26.5668, 74.6432** is the 20% darker color. If you saturate the color by 10%, you get **99.3600, -39.1245, 89.1383**, and if you desaturate by 10%, it is **121.5300, -30.3343, 69.6952**.

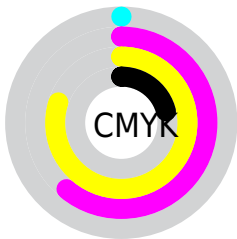
# Distribution



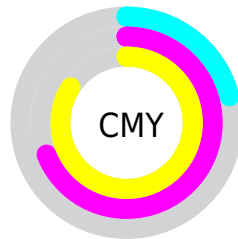
- Red (79%)
- Green (31%)
- Blue (16%)



- Red (79%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (61%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (69%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 110.4450, -34.7294, 79.4167 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 110.4450, -34.7294, 79.4167 by changing the saturation by 10% instead.




 110.4450,  
-34.7294, 79.4167


 110.4450,  
-34.7294, 79.4167


255.0000, 0.0000,  
0.0000


 82.5910, -32.8294,  
76.6577


 163.1740,  
-37.0608, 80.5314


 53.8880, -26.5668,  
74.6432


 182.4600,  
-34.2438, 63.6176


 32.5910, -16.0674,  
67.0107


 201.8600,  
-30.9900, 46.6038

 23.6210, -11.6452,  
48.5674

 221.3740,  
-27.2994, 29.4900

 16.3740, -7.0864,  
32.9980

 241.5890,  
-23.4614, 11.7614

 1.4950, -0.7370,  
3.0739

 251.2380,

 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,  
0.3999

■ 110.4450,  
-34.7294, 79.4167

■ 110.4450,  
-34.7294, 79.4167

■ 99.3600, -39.1245,  
89.1383

■ 121.5300,  
-30.3343, 69.6952

■ 87.6880, -43.2302,  
99.3746

■ 133.2020,  
-26.2286, 59.4588

■ 144.2870,  
-21.8335, 49.7373

■ 155.3720,  
-17.4384, 40.0158

■ 167.1580,  
-12.8959, 29.6794

■ 178.2430, -8.5008,  
19.9579

■ 189.3280, -4.1057,  
10.2363

■ 201.0000, 0.0000,  
0.0000

■ 212.0850, 4.3951,  
-9.7215

# Harmonies

## Analogous

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



106.8840, -6.8448, 95.6947



110.4450, -34.7294, 79.4167



110.6820, -54.5662, 48.5139

# Triad

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



110.4450, -34.7294, 79.4167



92.5710, -3.2395, -81.1848



98.4660, 63.3673, -71.4457

# Complementary

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



110.4450, -34.7294, 79.4167



130.5550, 34.7294, -79.4167

# 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.



103.2480, 60.5167, -90.5485



110.4450, -34.7294, 79.4167



100.3570, 21.5160, -88.0131

# Square

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



110.4450, -34.7294, 79.4167



96.1480, -35.0760, -43.1028



104.9970, 44.3715, -92.0824



120.5620, 38.1769, 28.4481



# Rectangle

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



110.4450, -34.7294, 79.4167



109.6310, -54.0481, 22.2486



104.9970, 44.3715, -92.0824



97.8340, 65.1578, -85.8004

# Sweetspot

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



110.4450, -34.7294, 79.4167



220.4570, -13.0433, 30.2942



102.1610, 29.9936, 86.6818



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.



110.4450, -34.7294, 79.4167



117.3010, -52.8994, 120.7620



157.4050, -57.8807, 38.2328



93.8650, -1.9054, 4.5034



71.6300, -35.3136, 80.1315



15.4600, -7.6218, 18.0136

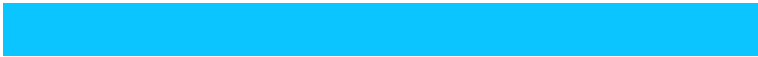


# Inverse Universe

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



130.5550, 34.7294, -79.4167



147.6990, 52.8994, -120.7620



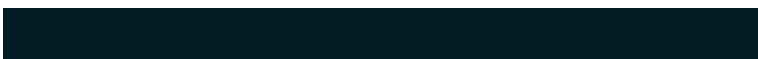
83.5950, 57.8807, -38.2328



95.1350, 1.9054, -4.5034



91.9570, 35.0242, -80.6463

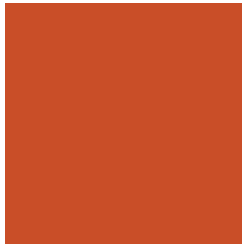


19.9530, 7.9112, -17.4988



# Previews

## White Background



This preview shows how the YUV color 110.4450, -34.7294, 79.4167 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 110.4450, -34.7294, 79.4167 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 110.4450, -34.7294, 79.4167

## Background



This preview shows how black text looks on a background with the YUV color 110.4450, -34.7294, 79.4167.



This preview shows how white text looks on a background with the YUV color 110.4450, -34.7294,



# 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

110.4450, -34.7294, 79.4167

### Protanopia

115.1350, -31.6186, 14.7906

### Deuteranopia

113.6010, -41.7083, 31.0449



## Tritanopia

112.7280, -17.1209, 78.2915

# Trichromacy



## Original Color

110.4450, -34.7294, 79.4167

## Protanomaly

113.3490, -32.7101, 38.2819

## Deuteranomaly

112.6940, -39.2891, 48.5034

## Tritanomaly

111.7190, -23.5255, 79.1764

# Monochromacy



## Original Color

110.4450, -34.7294, 79.4167

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

109.9730, -12.3117, 28.9647

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.4450, -34.7294, 79.4167 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(201, 78, 40)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 78, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 78, 40) }
```

## Border

The CSS property to change the border of an element to YUV 110.4450, -34.7294, 79.4167 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(201, 78, 40) }
```



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

```
.border{ border-color:rgb(201, 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(201, 78, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 78, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 78, 40);  
box-shadow:4px 4px 4px 4px rgb(201, 78,  
40) }
```

# Background

The CSS property to change the background color of an element to YUV 110.4450, -34.7294, 79.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 78, 40) }
```

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

```
.background{ background-color: rgb(201, 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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