

# Converting Colors

YUV(91.9460, -34.4834,  
93.8864)

Have a look what the booklet for  
YUV(91.9460, -34.4834, 93.8864)  
contains.

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# Color

**YUV(91.9460, -34.4834,  
93.8864)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C73316
RGB	199, 51, 22
RGB Percent	78%, 20%, 9%
CMY	0.2196, 0.8000, 0.9137
CMYK	0.00, 0.74, 0.89, 0.22
HSL	10°, 80%, 43%
HSV	10°, 89%, 78%
XYZ	24.8818, 14.5677, 2.2595
YIQ	91.9460, 97.5170, 22.3570

# Conversions

## Conversions Part 2

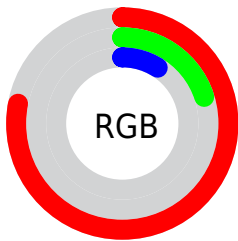
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 57, 22
Decimal	13054742
CIE Lab	45.04, 56.77, 50.28
CIE LCh	45, 75.829, 41.530
Yxy	14.5677, 0.5966, 0.3493
Android (android.graphics.Color)	4291244822 (0xFFC73316)
YUV	91.9460, -34.4834, 93.8864
Hunter-Lab	38.1676, 49.5724, 23.2074

# Details

The YUV color **91.9460, -34.4834, 93.8864** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **129.0540, 34.4834, -93.8864**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6210, -38.2672, 94.1714**, and **40.6640, -20.0474, 83.6097** is the 20% darker color. If you saturate the color by 10%, you get **79.6870, -38.2997, 104.6375**, and if you desaturate by 10%, it is **104.2050, -30.6671, 83.1352**.

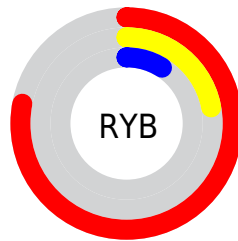
# Distribution



Red (78%)

Green (20%)

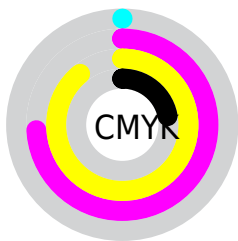
Blue (9%)



Red (78%)

Yellow (22%)

Blue (9%)

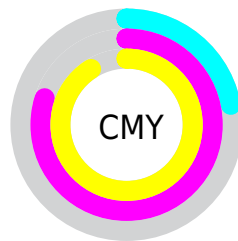


Cyan (0%)

Magenta (74%)

Yellow (89%)

Black (22%)



Cyan (22%)

Magenta (80%)


Yellow (91%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 91.9460, -34.4834, 93.8864 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 91.9460, -34.4834, 93.8864 by changing the saturation by 10% instead.





 91.9460, -34.4834,  
93.8864

 91.9460, -34.4834,  
93.8864


255.0000, 0.0000,  
0.0000


 57.5640, -28.3791,  
95.9754


 147.6210,  
-38.2672, 94.1714

 40.6640, -20.0474,  
83.6097


 166.9070,  
-35.4502, 77.2576


 31.3950, -15.4777,  
64.5516

 186.3070,  
-32.1964, 60.2438

 22.5390, -10.6187,  
46.0083

 206.2940,  
-29.2319, 42.7152


 14.2810, -6.0545,  
28.6946


 226.3950,  
-25.8307, 25.0866


 0.0000, 0.0000,  
0.0000


 246.4960,


-22.4295, 7.4580


 252.1500,  
-10.9200, 2.4994


 91.9460, -34.4834,  
93.8864


 91.9460, -34.4834,  
93.8864

 79.6870, -38.2997,  
104.6375


 104.2050,  
-30.6671, 83.1352

 78.8720, -38.8839,  
105.3523

 115.8770,  
-26.5614, 72.8989

 128.1360,  
-22.7450, 62.1477

 140.3950,  
-18.9287, 51.3966

 152.0670,  
-14.8230, 41.1602

■ 164.2120,  
-11.4435, 30.5091

■ 175.8840, -7.3378,  
20.2727

■ 188.1430, -3.5215,  
9.5216

■ 200.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



73.6760, 5.5827, 123.0641



91.9460, -34.4834, 93.8864



100.3820, -49.4883, 53.1620

# Triad

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



91.9460, -34.4834, 93.8864



83.4920, -10.1026, -73.2225



89.3710, 70.8091, -78.3784

# Complementary

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



91.9460, -34.4834, 93.8864



129.0540, 34.4834, -93.8864

# 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.



99.3670, 63.4161, -87.1449



91.9460, -34.4834, 93.8864



92.8910, 18.2947, -81.4654

# Square

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



91.9460, -34.4834, 93.8864



78.1700, -38.5378, -52.7691



99.1440, 44.7920, -86.9493



107.8310, 46.9183, 24.7042



# Rectangle

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



91.9460, -34.4834, 93.8864



99.6080, -49.1067, 24.0228



99.1440, 44.7920, -86.9493



93.7080, 69.6570, -82.1819

# Sweetspot

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



91.9460, -34.4834, 93.8864



213.0880, -13.3544, 36.7568



92.0230, 39.4287, 93.8188



102.7810, -7.7800, 22.1171



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.



91.9460, -34.4834, 93.8864



100.8990, -49.7432, 135.1466



142.4280, -59.3710, 49.6136



93.2780, -1.6161, 5.0182



64.5860, -31.8409, 86.3091



14.2860, -7.0430, 19.0432

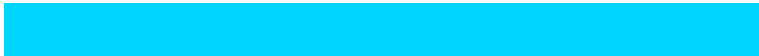


# Inverse Universe

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



129.0540, 34.4834, -93.8864



154.1010, 49.7432, -135.1466



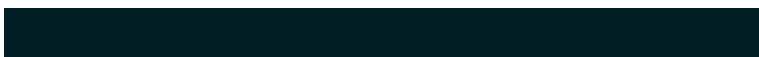
78.5720, 59.3710, -49.6136



95.7220, 1.6161, -5.0182



98.4140, 31.8409, -86.3091



21.7140, 7.0430, -19.0432



# Previews

## White Background



This preview shows how the YUV color 91.9460, -34.4834, 93.8864 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 91.9460, -34.4834, 93.8864 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 91.9460, -34.4834, 93.8864

## Background



This preview shows how black text looks on a background with the YUV color 91.9460, -34.4834, 93.8864.



This preview shows how white text looks on a background with the YUV color 91.9460, -34.4834,



# 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

91.9460, -34.4834, 93.8864

### Protanopia

103.3800, -33.2183, 14.5757

### Deuteranopia

100.5380, -49.5652, 31.1002



## Tritanopia

93.5620, -21.9691, 93.3461

# Trichromacy



## Original Color

91.9460, -34.4834, 93.8864

## Protanomaly

99.1540, -33.5999, 43.7149

## Deuteranomaly

97.1740, -43.9628, 54.2214

## Tritanomaly

93.0090, -26.6264, 93.8311

# Monochromacy



## Original Color

91.9460, -34.4834, 93.8864

## Achromatopsia

92.0000, 0.0000, 0.0000

## Achromatomaly

92.0060, -12.3280, 34.1977

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.9460, -34.4834, 93.8864 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, 51, 22)` looks like.

```
.text, #text, p{  
    color:rgb(199, 51, 22)  
}
```

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, 51, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 51, 22) }
```

## Border

The CSS property to change the border of an element to YUV 91.9460, -34.4834, 93.8864 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, 51, 22) }
```



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

```
.border{ border-color:rgb(199, 51, 22) }
```

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

Here you see how a box with a 4 pixel rgb(199, 51, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 51, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 51, 22);  
box-shadow:4px 4px 4px 4px rgb(199, 51,  
22) }
```

# Background

The CSS property to change the background color of an element to YUV 91.9460, -34.4834, 93.8864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 51, 22) }
```

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

```
.background{ background-color: rgb(199, 51,  
22) }
```

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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