

Converting Colors

YUV(117.1780, -16.3568,
66.4959)

Have a look what the booklet for
YUV(117.1780, -16.3568, 66.4959)
contains.

YUV(117.1780, -16.3568, 66.4959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.1780, -16.3568,
66.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	C15554
RGB	193, 85, 84
RGB Percent	76%, 33%, 33%
CMY	0.2431, 0.6667, 0.6706
CMYK	0.00, 0.56, 0.56, 0.24
HSL	1°, 47%, 54%
HSV	1°, 56%, 76%
XYZ	26.8411, 18.4745, 10.5388
YIQ	117.1780, 64.6890, 22.5850

Conversions

Conversions Part 2

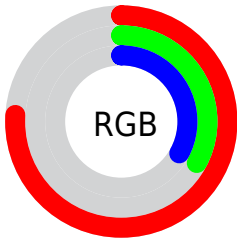
Format	Color
RYB	193, 85, 84
Decimal	12670292
CIELab	50.07, 43.27, 22.08
CIELCh	50, 48.576, 27.036
Yxy	18.4745, 0.4806, 0.3308
Android (android.graphics.Color)	4290860372 (0xFFC15554)
YUV	117.1780, -16.3568, 66.4959
Hunter-Lab	42.9820, 36.2496, 15.5501

Details

The YUV color **117.1780, -16.3568, 66.4959** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **159.8220, 16.3568, -66.4959**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2280, -18.8464, 71.7140**, and **63.2960, -11.9779, 62.0074** is the 20% darker color. If you saturate the color by 10%, you get **103.8590, -19.1575, 78.1767**, and if you desaturate by 10%, it is **130.4970, -13.5560, 54.8151**.

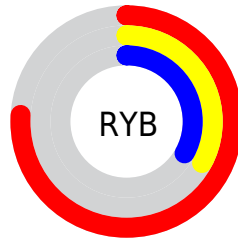
Distribution



Red (76%)

Green (33%)

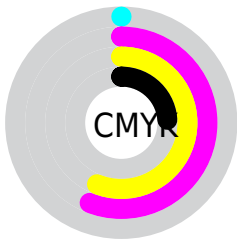
Blue (33%)



Red (76%)

Yellow (33%)

Blue (33%)

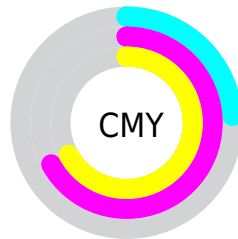


Cyan (0%)

Magenta (56%)

Yellow (56%)

Black (24%)



Cyan (24%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1780, -16.3568, 66.4959 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 117.1780, -16.3568, 66.4959 by changing the saturation by 10% instead.

■ 117.1780,
-16.3568, 66.4959

■ 117.1780,
-16.3568, 66.4959

■ 255.0000, 0.0000,
0.0000

■ 90.3240, -14.4567,
63.7369

■ 172.2280,
-18.8464, 71.7140

■ 63.2960, -11.9779,
62.0074

■ 191.3400,
-15.4506, 55.8298

■ 33.8600, -7.3260,
63.2668

■ 210.8540,
-11.7600, 38.7160

■ 23.3220, -11.4977,
47.9526

■ 230.9550, -8.3588,
21.0875

■ 16.0750, -6.9390,
32.3832

■ 251.2840, -4.0840,
3.2589

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,

0.0000

■ 117.1780,
-16.3568, 66.4959

■ 117.1780,
-16.3568, 66.4959

■ 103.8590,
-19.1575, 78.1767

■ 130.4970,
-13.5560, 54.8151

■ 90.4260, -22.3950,
89.9574

■ 143.9300,
-10.3185, 43.0344

■ 77.1070, -25.1958,
101.6382

■ 157.2490, -7.5178,
31.3536

■ 63.7880, -27.9965,
113.3189

■ 170.5680, -4.7170,
19.6729

■ 58.8810, -29.0283,
117.6224

■ 184.4740, -2.2057,
7.4773

■ 197.9070, 1.0318,
-4.3034

■ 211.2260, 3.8326,
-15.9842

■ 224.5450, 6.6333,
-27.6650

■ 236.4620, 9.1392,
-38.1162

Harmonies

Analogous

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



118.9060, 3.0043, 63.2264



117.1780, -16.3568, 66.4959



117.0240, -33.0428, 51.7220

Triad

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



117.1780, -16.3568, 66.4959



101.5060, -14.5465, -47.8018



96.4030, 52.0593, -84.5454

Complementary

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



117.1780, -16.3568, 66.4959



159.8220, 16.3568, -66.4959

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.



100.6770, 43.0502, -88.2937



117.1780, -16.3568, 66.4959



94.5890, 9.5696, -82.9546

Square

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



117.1780, -16.3568, 66.4959



110.6780, -35.3373, -5.8566



99.2630, 27.4783, -87.0537



120.3590, 35.8120, -6.4538

Rectangle

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



117.1780, -16.3568, 66.4959



115.6770, -40.2668, 35.3633



99.2630, 27.4783, -87.0537



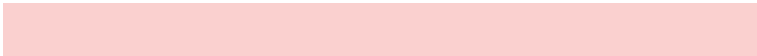
98.4090, 49.5914, -86.3047

Sweetspot

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



117.1780, -16.3568, 66.4959



220.4440, -6.6279, 25.9206



129.0170, 31.5436, 56.1131



107.4750, -3.6852, 15.3694



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.



117.1780, -16.3568, 66.4959



132.0040, -25.6380, 103.4825



148.8760, -31.9839, 38.6967



89.9900, -1.4741, 6.1478



48.7260, -24.0219, 98.4643



9.8670, -4.8644, 20.2876

Inverse Universe

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



159.8220, 16.3568, -66.4959



197.9960, 25.6380, -103.4825



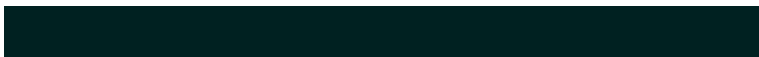
128.7110, 31.6945, -39.2115



94.0100, 1.4741, -6.1478



111.6870, 24.3113, -97.9495



23.1330, 4.8644, -20.2876

Previews

White Background



This preview shows how the YUV color 117.1780, -16.3568, 66.4959 looks on a white background.

Color Contrast Check

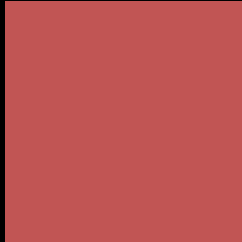
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1780, -16.3568, 66.4959 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 117.1780, -16.3568, 66.4959

Background



This preview shows how black text looks on a background with the YUV color 117.1780, -16.3568, 66.4959.



This preview shows how white text looks on a background with the YUV color 117.1780, -16.3568, 66.4959.

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

117.1780, -16.3568, 66.4959

Protanopia

118.8130, -9.7678, 6.3030

Deuteranopia

118.9800, -19.7101, 21.9425



Tritanopia

117.2750, -13.4466, 66.4108

Trichromacy



Original Color

117.1780, -16.3568, 66.4959

Protanomaly

118.3750, -12.0169, 27.7351

Deuteranomaly

118.1330, -18.3066, 38.4714

Tritanomaly

117.0470, -14.3202, 66.6108

Monochromacy



Original Color

117.1780, -16.3568, 66.4959

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9600, -5.8963, 24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1780, -16.3568, 66.4959 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(193, 85, 84)` looks like.

```
.text, #text, p{  
    color:rgb(193, 85, 84)  
}
```

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(193, 85, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 85, 84) }
```

Border

The CSS property to change the border of an element to YUV 117.1780, -16.3568, 66.4959 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(193, 85, 84) }
```


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

```
.border{ border-color:rgb(193, 85, 84) }
```

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

Here you see how a box with a 4 pixel rgb(193, 85, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 85, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 85, 84);  
box-shadow:4px 4px 4px 4px rgb(193, 85,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 117.1780, -16.3568, 66.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 85, 84) }
```

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

```
.background{ background-color: rgb(193, 85,  
84) }
```

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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