

Converting Colors

YUV(158.3170, 2.8017, 34.8020)

Have a look what the booklet for
YUV(158.3170, 2.8017, 34.8020)
contains.

YUV(158.3170, 2.8017, 34.8020)	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(158.3170, 2.8017,
34.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	C689A4
RGB	198, 137, 164
RGB Percent	78%, 54%, 64%
CMY	0.2235, 0.4627, 0.3569
CMYK	0.00, 0.31, 0.17, 0.22
HSL	333°, 35%, 66%
HSV	333°, 31%, 78%
XYZ	38.9352, 32.5774, 39.3579
YIQ	158.3170, 27.6890, 21.3290

Conversions

Conversions Part 2

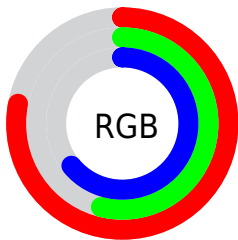
Format	Color
R_{YB}	198, 137, 164
Decimal	13011364
CIE _{Lab}	63.82, 27.30, -4.85
CIE _{LCh}	64, 27.728, 349.920
Yxy	32.5774, 0.3512, 0.2938
Android (android.graphics.Color)	4291201444 (0xFFC689A4)
YUV	158.3170, 2.8017, 34.8020
Hunter-Lab	57.0766, 21.8808, -0.9305

Details

The YUV color **158.3170, 2.8017, 34.8020** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.6830, -2.8017, -34.8020**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3280, 2.7963, 36.5463**, and **106.0070, 2.9545, 32.4429** is the 20% darker color. If you saturate the color by 10%, you get **145.3230, 3.7848, 46.1977**, and if you desaturate by 10%, it is **171.3110, 1.8187, 23.4063**.

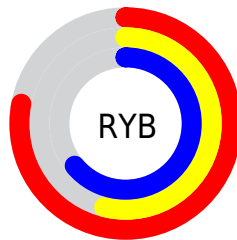
Distribution



Red (78%)

Green (54%)

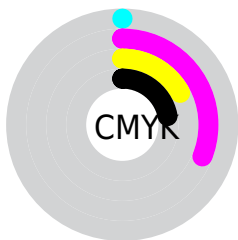
Blue (64%)



Red (78%)

Yellow (54%)

Blue (64%)

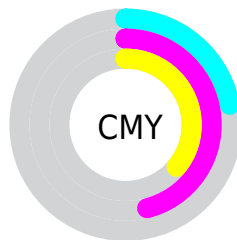


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (22%)



Cyan (22%)

Magenta (46%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.3170, 2.8017, 34.8020 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 158.3170, 2.8017, 34.8020 by changing the saturation by 10% instead.

 158.3170, 2.8017,
34.8020

 158.3170, 2.8017,
34.8020

255.0000, 0.0000,
0.0000


 131.7190, 3.0965,
33.5724


 213.3280, 2.7963,
36.5463

 106.0070, 2.9545,
32.4429

 232.9560, 6.9237,
19.3326

 81.4090, 3.2494,
31.2133

 250.8910, 2.0257,
3.6036

 57.5120, 3.6916,
29.3690

 34.0280, 4.4232,
28.0394

 15.6640, 3.1236,
24.8507

 0.5980, -0.2948,

1.2296

■ 0.0000, 0.0000,
0.0000

■ 158.3170, 2.8017,
34.8020

■ 158.3170, 2.8017,
34.8020

■ 145.3230, 3.7848,
46.1977

■ 171.3110, 1.8187,
23.4063

■ 132.3290, 4.7678,
57.5935

■ 184.3050, 0.8356,
12.0105

■ 119.9220, 5.4615,
68.4744

■ 196.7120, 0.1420,
1.1296

■ 106.9280, 6.4445,
79.8701

■ 209.7060, -0.8411,
-10.2662

■ 93.9340, 7.4275,
91.2659

■ 222.7000, -1.8241,
-21.6619

■ 80.9400, 8.4106,
102.6616

■ 235.1070, -2.5178,
-32.5428

■ 69.2340, 9.2516,
112.9278

■ 236.3610, 2.2870,
-33.6426

■ 237.6150, 7.0918,
-34.7424

■ 237.9570, 8.4022,
-35.0423

Harmonies

Analogous

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



158.4810, 14.0599, 17.1182



158.3170, 2.8017, 34.8020



157.2610, -9.0027, 40.9901

Triad

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



158.3170, 2.8017, 34.8020



151.4030, -21.3977, 3.1546



142.9620, 24.1757, -54.3407

Complementary

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



158.3170, 2.8017, 34.8020



176.6830, -2.8017, -34.8020

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.



141.4320, 14.5770, -55.6299



158.3170, 2.8017, 34.8020



148.1490, -12.8915, -18.5477

Square

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



158.3170, 2.8017, 34.8020



153.9540, -23.6413, 22.8423



144.4480, 0.2721, -40.7349



149.3650, 26.4421, -34.5231

Rectangle

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



158.3170, 2.8017, 34.8020



156.4150, -15.9806, 39.1010



144.4480, 0.2721, -40.7349



141.8430, 21.2764, -57.7443

Sweetspot

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



158.3170, 2.8017, 34.8020



240.0170, 0.9776, 13.1401



154.1200, 21.6328, 14.8038



118.2830, 0.8465, 8.5218



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.



158.3170, 2.8017, 34.8020



193.7800, 4.0525, 53.6899



157.0000, -9.8600, 35.9570



93.1470, 0.4205, 5.1331



56.9450, 7.4221, 93.0102



12.5880, 1.6821, 20.5323

Inverse Universe

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



158.3170, 2.8017, 34.8020



193.7800, 4.0525, 53.6899



178.0000, 9.8600, -35.9570



93.1470, 0.4205, 5.1331



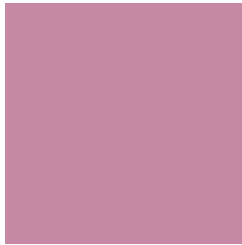
56.9450, 7.4221, 93.0102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 158.3170, 2.8017, 34.8020 looks on a white background.

Color Contrast Check

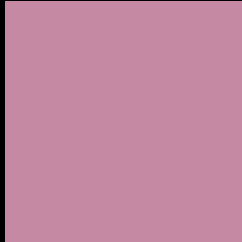
Large Text (above 18pt) WCAG AA × Fail

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 158.3170, 2.8017, 34.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

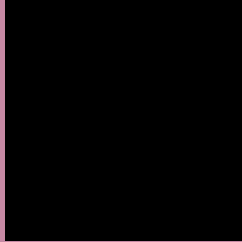
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.3170, 2.8017, 34.8020

Background



This preview shows how black text looks on a background with the YUV color 158.3170, 2.8017, 34.8020.



This preview shows how white text looks on a background with the YUV color 158.3170, 2.8017,

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

158.3170, 2.8017, 34.8020

Protanopia

155.6820, 9.0308, -3.2291

Deuteranopia

156.4510, 2.7357, 9.2515



Tritanopia

157.2970, -3.5974, 33.9425

Trichromacy



Original Color

158.3170, 2.8017, 34.8020

Protanomaly

156.7870, 6.5140, 10.7108

Deuteranomaly

156.9190, 2.9979, 18.4880

Tritanomaly

157.5790, -1.2714, 34.5722

Monochromacy



Original Color

158.3170, 2.8017, 34.8020

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0170, 0.9776, 13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3170, 2.8017, 34.8020 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(198, 137, 164)` looks like.

```
.text, #text, p{  
    color:rgb(198, 137, 164)  
}
```

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(198, 137, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 137, 164) }
```

Border

The CSS property to change the border of an element to YUV 158.3170, 2.8017, 34.8020 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(198, 137, 164) }
```


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

```
.border{ border-color:rgb(198, 137, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 137, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 137, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 137, 164);  
box-shadow:4px 4px 4px 4px rgb(198, 137,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 158.3170, 2.8017, 34.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 137, 164) }
```

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

```
.background{ background-color: rgb(198,  
137, 164) }
```

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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