

Converting Colors

YUV(158.6160, 2.6543, 35.4168)

Have a look what the booklet for
YUV(158.6160, 2.6543, 35.4168)
contains.

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Color

**YUV(158.6160, 2.6543,
35.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	C789A4
RGB	199, 137, 164
RGB Percent	78%, 54%, 64%
CMY	0.2196, 0.4627, 0.3569
CMYK	0.00, 0.31, 0.18, 0.22
HSL	334°, 36%, 66%
HSV	334°, 31%, 78%
XYZ	39.1997, 32.7138, 39.3703
YIQ	158.6160, 28.2850, 21.5410

Conversions

Conversions Part 2

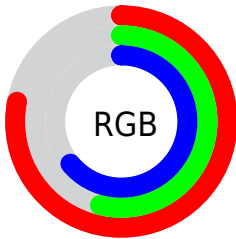
Format	Color
R_{YB}	199, 137, 164
Decimal	13076900
CIE _{Lab}	63.93, 27.66, -4.68
CIE _{LCh}	64, 28.052, 350.404
Yxy	32.7138, 0.3522, 0.2940
Android (android.graphics.Color)	4291266980 (0xFFC789A4)
YUV	158.6160, 2.6543, 35.4168
Hunter-Lab	57.1960, 22.2434, -0.7745

Details

The YUV color **158.6160, 2.6543, 35.4168** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.3840, -2.6543, -35.4168**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3280, 2.7963, 36.5463**, and **106.3060, 2.8071, 33.0576** is the 20% darker color. If you saturate the color by 10%, you get **145.6220, 3.6374, 46.8125**, and if you desaturate by 10%, it is **171.6100, 1.6713, 24.0210**.

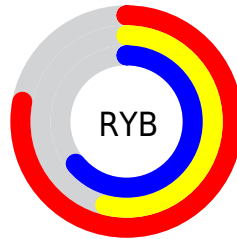
Distribution



Red (78%)

Green (54%)

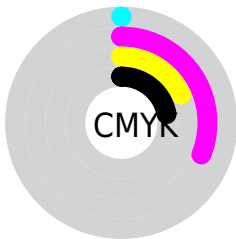
Blue (64%)



Red (78%)

Yellow (54%)

Blue (64%)

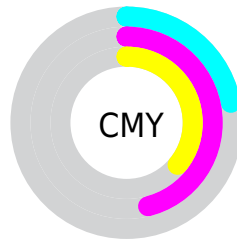


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (22%)



Cyan (22%)

Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.6160, 2.6543, 35.4168 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 158.6160, 2.6543, 35.4168 by changing the saturation by 10% instead.

 158.6160, 2.6543,
35.4168


 158.6160, 2.6543,
35.4168


255.0000, 0.0000,
0.0000


 132.0180, 2.9491,
34.1872


 213.3280, 2.7963,
36.5463

 106.3060, 2.8071,
33.0576

 232.9560, 6.9237,
19.3326

 81.7080, 3.1020,
31.8281

 250.8910, 2.0257,
3.6036

 57.8110, 3.5442,
29.9838

 33.7400, 4.5652,
29.1690

 15.6640, 3.1236,
24.8507

 1.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 158.6160, 2.6543,
35.4168

■ 158.6160, 2.6543,
35.4168

■ 145.6220, 3.6374,
46.8125

■ 171.6100, 1.6713,
24.0210

■ 132.6280, 4.6204,
58.2082

■ 184.6040, 0.6882,
12.6253

■ 119.5200, 5.1666,
69.7040

■ 197.7120, 0.1420,
1.1296

■ 106.5260, 6.1497,
81.0997

■ 210.7060, -0.8411,
-10.2662

■ 94.1190, 6.8433,
91.9806

■ 223.7000, -1.8241,
-21.6619

■ 81.1250, 7.8264,
103.3764

■ 235.5200, -2.2284,
-32.0280

■ 69.4190, 8.6674,
113.6425

■ 236.8880, 3.0132,
-33.2278

■ 238.1420, 7.8180,
-34.3275

■ 238.2560, 8.2548,
-34.4275

Harmonies

Analogous

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



158.7800, 13.9125, 17.7329



158.6160, 2.6543, 35.4168



157.5600, -9.1501, 41.6049

Triad

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



158.6160, 2.6543, 35.4168



151.9900, -21.6871, 2.6398



143.3640, 24.4705, -55.5702

Complementary

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



158.6160, 2.6543, 35.4168



177.3840, -2.6543, -35.4168

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.



141.4210, 14.5824, -57.3742



158.6160, 2.6543, 35.4168



148.4370, -13.0334, -19.6772

Square

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



158.6160, 2.6543, 35.4168



154.5410, -23.9307, 22.3275



144.5620, 0.7089, -40.8349



150.0660, 26.5895, -35.1379

Rectangle

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



158.6160, 2.6543, 35.4168



156.7140, -16.1280, 39.7158



144.5620, 0.7089, -40.8349



141.6580, 21.8606, -58.4591

Sweetspot

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



158.6160, 2.6543, 35.4168



240.0170, 0.9776, 13.1401



154.2340, 22.0696, 14.7038



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.



158.6160, 2.6543, 35.4168



193.7800, 4.0525, 53.6899



157.2990, -10.0074, 36.5718



93.1470, 0.4205, 5.1331



56.8310, 6.9853, 93.1102



12.5880, 1.6821, 20.5323

Inverse Universe

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



158.6160, 2.6543, 35.4168



193.7800, 4.0525, 53.6899



178.7010, 10.0074, -36.5718



93.1470, 0.4205, 5.1331



56.8310, 6.9853, 93.1102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 158.6160, 2.6543, 35.4168 looks on a white background.

Color Contrast Check

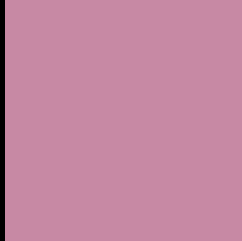
Large Text (above 18pt) WCAG AA × Fail

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 158.6160, 2.6543, 35.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

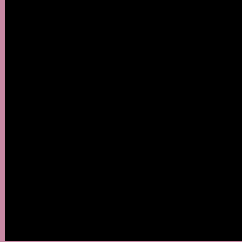
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.6160, 2.6543, 35.4168

Background



This preview shows how black text looks on a background with the YUV color 158.6160, 2.6543, 35.4168.



This preview shows how white text looks on a background with the YUV color 158.6160, 2.6543,

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

158.6160, 2.6543, 35.4168

Protanopia

155.7960, 9.4676, -3.3291

Deuteranopia

157.0380, 2.4463, 8.7367



Tritanopia

157.5960, -3.7448, 34.5573

Trichromacy



Original Color

158.6160, 2.6543, 35.4168

Protanomaly

156.9010, 6.9508, 10.6108

Deuteranomaly

157.8050, 2.5611, 18.5880

Tritanomaly

157.8780, -1.4189, 35.1870

Monochromacy



Original Color

158.6160, 2.6543, 35.4168

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0170, 0.9776, 13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6160, 2.6543, 35.4168 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, 137, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 137, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 137, 164) }
```

Border

The CSS property to change the border of an element to YUV 158.6160, 2.6543, 35.4168 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, 137, 164) }
```


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

```
.border{ border-color:rgb(199, 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(199, 137, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 137, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 137, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 137,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 158.6160, 2.6543, 35.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 137, 164) }
```

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

```
.background{ background-color: rgb(199,  
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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