

Converting Colors

YUV(158.8490, 5.9904, 38.7204)

Have a look what the booklet for
YUV(158.8490, 5.9904, 38.7204)
contains.

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Color

**YUV(158.8490, 5.9904,
38.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	CB86AB
RGB	203, 134, 171
RGB Percent	80%, 53%, 67%
CMY	0.2039, 0.4745, 0.3294
CMYK	0.00, 0.34, 0.16, 0.20
HSL	328°, 40%, 66%
HSV	328°, 34%, 80%
XYZ	40.5044, 32.6870, 42.7025
YIQ	158.8490, 29.2470, 26.1350

Conversions

Conversions Part 2

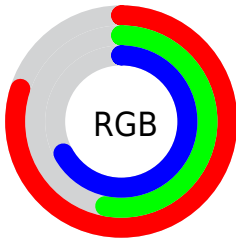
Format	Color
R_{YB}	203, 134, 171
Decimal	13338283
CIE _{Lab}	63.91, 31.84, -8.63
CIE _{LCh}	64, 32.985, 344.841
Yxy	32.6870, 0.3495, 0.2820
Android (android.graphics.Color)	4291528363 (0xFFCB86AB)
YUV	158.8490, 5.9904, 38.7204
Hunter-Lab	57.1725, 26.4080, -4.2633

Details

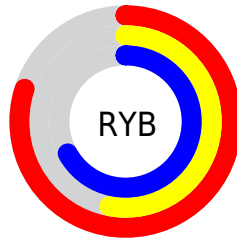
The YUV color **158.8490, 5.9904, 38.7204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178.1510, -5.9904, -38.7204**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3650, 6.7221, 37.3909**, and **106.5390, 6.1433, 36.3613** is the 20% darker color. If you saturate the color by 10%, you get **146.0830, 7.8471, 49.9162**, and if you desaturate by 10%, it is **171.6150, 4.1338, 27.5246**.

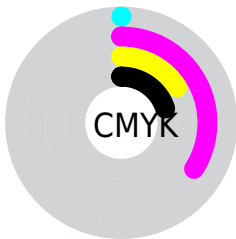
Distribution



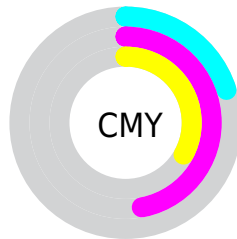
- Red (80%)
- Green (53%)
- Blue (67%)



- Red (80%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (34%)
- Yellow (16%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8490, 5.9904, 38.7204 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 158.8490, 5.9904, 38.7204 by changing the saturation by 10% instead.

 158.8490, 5.9904,
38.7204


 158.8490, 5.9904,
38.7204

255.0000, 0.0000,
0.0000


 132.1370, 5.8485,
37.5909

 212.3650, 6.7221,
37.3909

 106.5390, 6.1433,
36.3613


 232.1070, 11.2862,
20.0772

 81.5280, 6.1487,
34.6169

 249.1300, 2.8939,
5.1480

 56.9300, 6.4435,
33.3874

 31.6850, 8.0433,
33.6023

 17.1310, 4.8654,
26.1951

 4.1860, -2.0637,

8.6069

■ 0.0000, 0.0000,
0.0000

■ 158.8490, 5.9904,
38.7204

■ 158.8490, 5.9904,
38.7204

■ 146.0830, 7.8471,
49.9162

■ 171.6150, 4.1338,
27.5246

■ 132.6160, 9.5563,
61.7268

■ 185.0820, 2.4246,
15.7141

■ 119.8500, 11.4130,
72.9226

■ 197.8480, 0.5679,
4.5183

■ 106.9700, 12.8328,
84.2183

■ 210.7280, -0.8519,
-6.7775

■ 94.2040, 14.6894,
95.4141

■ 224.0810, -2.9979,
-18.4880

■ 80.8510, 16.8355,
107.1247

■ 236.2600, -4.5652,
-29.1690

■ 73.1230, 17.6874,
113.9021

■ 237.4000, -0.1972,
-30.1688

■ 238.4260, 3.7340,
-31.0686

■ 239.4520, 7.6652,
-31.9684

Harmonies

Analogous

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



158.7350, 18.8646, 16.0184



158.8490, 5.9904, 38.7204



157.8320, -8.2982, 48.3823

Triad

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



158.8490, 5.9904, 38.7204



151.6440, -26.9395, 7.3282



135.1980, 29.4824, -76.4726

Complementary

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



158.8490, 5.9904, 38.7204



178.1510, -5.9904, -38.7204

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.



136.0880, 16.2256, -71.1142



158.8490, 5.9904, 38.7204



147.5960, -17.5488, -18.0627

Square

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



158.8490, 5.9904, 38.7204



154.2600, -27.7362, 29.5900



142.7310, -2.3324, -45.3681



145.7590, 32.1638, -49.7776

Rectangle

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



158.8490, 5.9904, 38.7204



156.6440, -16.5865, 46.7932



142.7310, -2.3324, -45.3681



133.9650, 26.1463, -79.7763

Sweetspot

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



158.8490, 5.9904, 38.7204



238.9570, 1.9932, 14.0697



151.1350, 25.5694, 12.1596



117.6960, 1.1359, 9.0366



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.



158.8490, 5.9904, 38.7204



187.8930, 9.4198, 58.8528



154.9730, -8.8607, 42.1197



95.5600, 0.7099, 5.6479



59.7800, 14.4055, 93.1549



13.7560, 3.5713, 21.2620

Inverse Universe

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



158.8490, 5.9904, 38.7204



187.8930, 9.4198, 58.8528



182.0270, 8.8607, -42.1197



95.5600, 0.7099, 5.6479



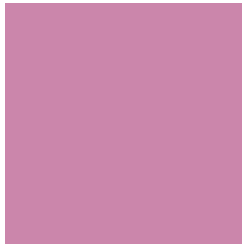
59.7800, 14.4055, 93.1549



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 158.8490, 5.9904, 38.7204 looks on a white background.

Color Contrast Check

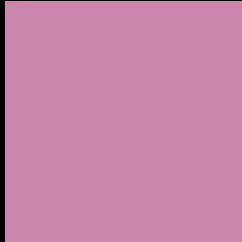
Large Text (above 18pt) WCAG AA × Fail

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 158.8490, 5.9904, 38.7204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

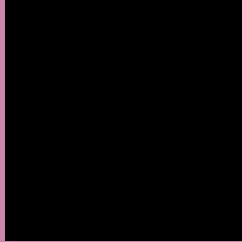
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8490, 5.9904, 38.7204

Background



This preview shows how black text looks on a background with the YUV color 158.8490, 5.9904, 38.7204.



This preview shows how white text looks on a background with the YUV color 158.8490, 5.9904,

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

158.8490, 5.9904, 38.7204

Protanopia

155.9250, 13.8410, -6.0732

Deuteranopia

156.8250, 5.5093, 6.2925



Tritanopia

157.7920, -4.3345, 37.0164

Trichromacy



Original Color

158.8490, 5.9904, 38.7204

Protanomaly

157.2260, 10.7346, 10.3258

Deuteranomaly

157.6030, 5.6187, 17.8882

Tritanomaly

158.4160, -0.6981, 37.3462

Monochromacy



Original Color

158.8490, 5.9904, 38.7204

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9570, 1.9932, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8490, 5.9904, 38.7204 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(203, 134, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 134, 171)  
}
```

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(203, 134, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 134, 171) }
```

Border

The CSS property to change the border of an element to YUV 158.8490, 5.9904, 38.7204 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(203, 134, 171) }
```


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

```
.border{ border-color:rgb(203, 134, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 134, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 134, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 134, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 134,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 158.8490, 5.9904, 38.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 134, 171) }
```

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

```
.background{ background-color: rgb(203,  
134, 171) }
```

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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