

# Converting Colors

YUV(180.0660, 3.4185, 23.6211)

Have a look what the booklet for  
YUV(180.0660, 3.4185, 23.6211)  
contains.

**YUV(180.0660, 3.4185, 23.6211) ..... 3**

***Conversions* ..... 4**

***Details* ..... 6**

***Harmonies* ..... 12**

***Previews* ..... 24**

***Color Blindness Simulation* ..... 28**

***CSS Examples* ..... 31**

# Color

**YUV(180.0660, 3.4185,  
23.6211)**

# Conversions

Conversions Part 1	
Format	Color
Hex	CFA5BB
RGB	207, 165, 187
RGB Percent	81%, 65%, 73%
CMY	0.1882, 0.3529, 0.2667
CMYK	0.00, 0.20, 0.10, 0.19
HSL	329°, 30%, 73%
HSV	329°, 20%, 81%
XYZ	48.1569, 43.7635, 52.9228
YIQ	180.0660, 17.9700, 15.7460

# Conversions

## Conversions Part 2

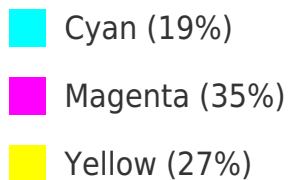
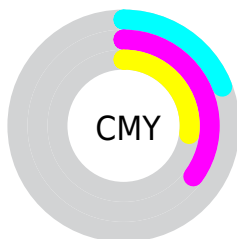
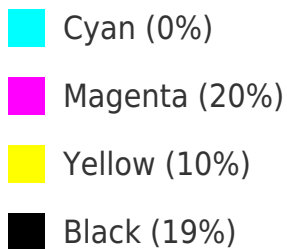
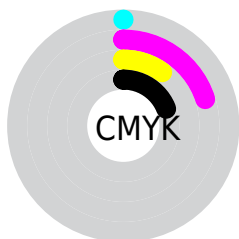
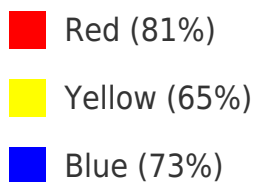
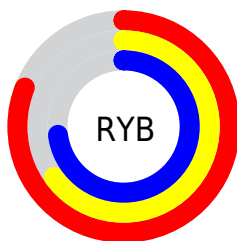
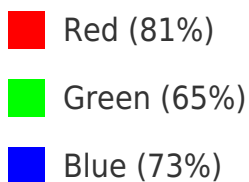
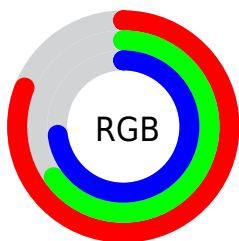
Format	Color
<a href="#">RYB</a>	<a href="#">207, 165, 187</a>
Decimal	<a href="#">13608379</a>
CIELab	<a href="#">72.07, 18.99, -5.40</a>
CIELCh	<a href="#">72, 19.747, 344.115</a>
Yxy	<a href="#">43.7635, 0.3325, 0.3021</a>
Android (android.graphics.Color)	<a href="#">4291798459</a> (0xFFCFA5BB)
YUV	<a href="#">180.0660, 3.4185, 23.6211</a>
Hunter-Lab	<a href="#">66.1540, 14.1698, -1.1238</a>

# Details

The YUV color **180.0660, 3.4185, 23.6211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **191.9340, -3.4185, -23.6211**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0870, 4.8871, 19.2177**, and **127.0550, 3.4239, 21.8768** is the 20% darker color. If you saturate the color by 10%, you get **166.5990, 5.1277, 35.4317**, and if you desaturate by 10%, it is **193.5330, 1.7092, 11.8106**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the YUV color 180.0660, 3.4185, 23.6211 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 180.0660, 3.4185, 23.6211 by changing the saturation by 10% instead.



 180.0660, 3.4185,  
23.6211

 180.0660, 3.4185,  
23.6211


255.0000, 0.0000,  
0.0000

 153.3540, 3.2765,  
22.4915

 233.0870, 4.8871,  
19.2177

 127.0550, 3.4239,  
21.8768

 251.4780, 1.7363,  
3.0888

 101.7560, 3.5713,  
21.2620

 77.9300, 2.9925,  
20.2324

 54.3320, 3.2873,  
19.0028

 32.6200, 3.1453,  
17.8733

 12.0330, 3.4347,

18.3881

0.0000, 0.0000,  
0.0000

180.0660, 3.4185,  
23.6211

180.0660, 3.4185,  
23.6211

166.5990, 5.1277,  
35.4317

193.5330, 1.7092,  
11.8106

153.7190, 6.5475,  
46.7274

206.4130, 0.2894,  
0.5148

140.2520, 8.2568,  
58.5380

219.8800, -1.4198,  
-11.2958

126.8990, 10.4028,  
70.2486

233.2330, -3.5659,  
-23.0063

114.0190, 11.8226,  
81.5443

238.4820, -1.2236,  
-27.6097

■ 100.5520, 13.5319,  
93.3549

■ 239.6220, 3.1444,  
-28.6095

■ 87.0850, 15.2411,  
105.1655

■ 240.6480, 7.0755,  
-29.5093

■ 74.2050, 16.6609,  
116.4612

# Harmonies

## Analogous

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



179.1550, 11.7556, 9.5111



180.0660, 3.4185, 23.6211



179.5200, -5.1864, 30.2390

# Triad

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



180.0660, 3.4185, 23.6211



175.0920, -16.3144, 6.0583



170.3790, 15.0962, -35.4124

# Complementary

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



180.0660, 3.4185, 23.6211



191.9340, -3.4185, -23.6211

# 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.



169.4300, 7.6760, -35.4571



180.0660, 3.4185, 23.6211



172.6600, -11.1714, -10.2258

# Square

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



180.0660, 3.4185, 23.6211



176.9520, -17.2313, 20.2131



170.5640, -2.2501, -25.0506



173.3570, 18.5580, -25.7461



# Rectangle

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



180.0660, 3.4185, 23.6211



179.0270, -10.8593, 29.7943



170.5640, -2.2501, -25.0506



169.7980, 12.9176, -36.6568

# Sweetspot

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



180.0660, 3.4185, 23.6211



245.3970, 1.2833, 8.4218



175.7680, 15.3974, 8.0965



122.1470, 0.4205, 5.1331



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.



180.0660, 3.4185, 23.6211



215.8870, 4.9857, 34.3021



177.6720, -5.7543, 25.7207



97.9730, 0.9993, 6.1627



60.2640, 13.6738, 94.4845



14.6530, 3.1291, 23.1063



# Inverse Universe

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



180.0660, 3.4185, 23.6211



215.8870, 4.9857, 34.3021



194.3280, 5.7543, -25.7207



97.9730, 0.9993, 6.1627



60.2640, 13.6738, 94.4845

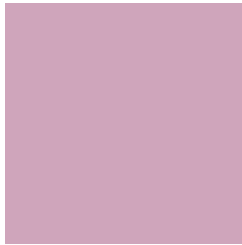


14.6530, 3.1291, 23.1063



# Previews

## White Background



This preview shows how the YUV color 180.0660, 3.4185, 23.6211 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

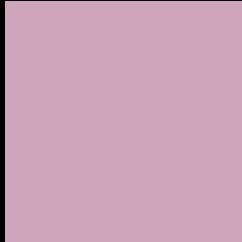
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.0660, 3.4185, 23.6211 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

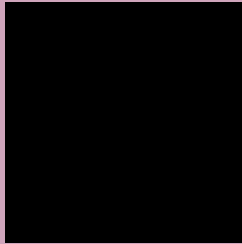
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 180.0660, 3.4185, 23.6211

## Background



This preview shows how black text looks on a background with the YUV color 180.0660, 3.4185, 23.6211.



This preview shows how white text looks on a background with the YUV color 180.0660, 3.4185,



# 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

180.0660, 3.4185, 23.6211

### Protanopia

177.7530, 8.0098, -2.4144

### Deuteranopia

178.9780, 3.4618, 9.6663






## Tritanopia

179.4420, -0.2179, 23.2914

# Trichromacy

	<b>Original Color</b> 180.0660, 3.4185, 23.6211
	<b>Protanomaly</b> 178.6510, 6.0881, 7.3221
	<b>Deuteranomaly</b> 179.0110, 3.4456, 14.8994
	<b>Tritanomaly</b> 179.7840, 1.0925, 22.9914

# Monochromacy

	<b>Original Color</b> 180.0660, 3.4185, 23.6211
	<b>Achromatopsia</b> 180.0000, 0.0000, 0.0000
	<b>Achromatomaly</b> 180.3970, 1.2833, 8.4218

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.0660, 3.4185, 23.6211 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(207, 165, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 187)  
}
```

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(207, 165, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 187) }
```

## Border

The CSS property to change the border of an element to YUV 180.0660, 3.4185, 23.6211 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(207, 165, 187) }
```



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

```
.border{ border-color:rgb(207, 165, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 180.0660, 3.4185, 23.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 187) }
```

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

```
.background{ background-color: rgb(207,  
165, 187) }
```

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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