

Converting Colors

YUV(180.0680, 13.7705,
16.6034)

Have a look what the booklet for
YUV(180.0680, 13.7705, 16.6034)
contains.

YUV(180.0680, 13.7705, 16.6034)	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(180.0680, 13.7705,
16.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A5D0
RGB	199, 165, 208
RGB Percent	78%, 65%, 82%
CMY	0.2196, 0.3529, 0.1843
CMYK	0.04, 0.21, 0.00, 0.18
HSL	287°, 31%, 73%
HSV	287°, 21%, 82%
XYZ	48.3935, 43.6064, 65.5408
YIQ	180.0680, 6.4610, 20.5810

Conversions

Conversions Part 2

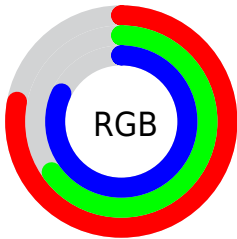
Format	Color
RYB	199, 165, 208
Decimal	13084112
CIELab	71.96, 20.10, -17.20
CIELCh	72, 26.457, 319.437
Yxy	43.6064, 0.3072, 0.2768
Android (android.graphics.Color)	4291274192 (0xFFC7A5D0)
YUV	180.0680, 13.7705, 16.6034
Hunter-Lab	66.0352, 15.2511, -12.6215

Details

The YUV color **180.0680, 13.7705, 16.6034** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.9320, -13.7705, -16.6034**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **127.2420, 13.1917, 15.5738** is the 20% darker color. If you saturate the color by 10%, you get **166.5450, 20.4373, 24.9550**, and if you desaturate by 10%, it is **193.5910, 7.1036, 8.2517**.

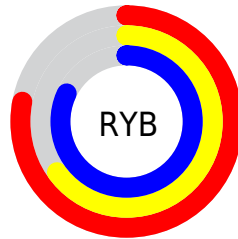
Distribution



Red (78%)

Green (65%)

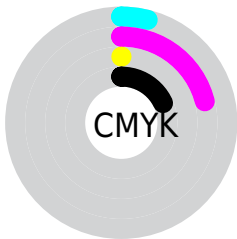
Blue (82%)



Red (78%)

Yellow (65%)

Blue (82%)

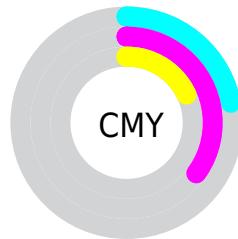


Cyan (4%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (22%)


Magenta (35%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.0680, 13.7705, 16.6034 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 180.0680, 13.7705, 16.6034 by changing the saturation by 10% instead.


 180.0680, 13.7705,
16.6034


 180.0680, 13.7705,
16.6034


255.0000, 0.0000,
0.0000


 153.5410, 13.0443,
16.1885

 234.4550, 10.1287,
18.0180


 127.2420, 13.1917,
15.5738

 251.4780, 1.7363,
3.0888

 101.8290, 12.9023,
15.0590

 77.8890, 11.8867,
14.1293

 54.4760, 11.5973,
13.6145

 32.6500, 11.0186,
12.5850

 12.2480, 10.7237,

13.8145

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 180.0680, 13.7705,
16.6034

■ 180.0680, 13.7705,
16.6034

■ 166.5450, 20.4373,
24.9550

■ 193.5910, 7.1036,
8.2517

■ 152.7230, 27.2516,
32.6919

■ 207.4130, 0.2894,
0.5148

■ 139.7870, 33.6290,
40.5288

■ 220.3490, -6.0881,
-7.3221

■ 126.2640, 40.2958,
48.8805

■ 233.8720,
-12.7549, -15.6737

■ 112.4420, 47.1101,
56.6174

■ 239.4760,
-15.5177, -16.2035

■ 98.9190, 53.7769,
64.9690

■ 240.6720,
-16.1073, -13.7443

■ 85.3960, 60.4438,
73.3207

■ 241.8680,
-16.6969, -11.2852

■ 72.7480, 66.6792,
80.0280

■ 243.3630,
-17.4340, -8.2114

■ 244.5590,
-18.0236, -5.7522

Harmonies

Analogous

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



177.3900, 21.9927, -7.3580



180.0680, 13.7705, 16.6034



180.6050, 2.6597, 33.6724

Triad

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



180.0680, 13.7705, 16.6034



176.0680, -23.2045, 22.7424



165.1120, 13.2558, -51.8412

Complementary

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



180.0680, 13.7705, 16.6034



192.9320, -13.7705, -16.6034

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.



167.0570, -0.0281, -37.7610



180.0680, 13.7705, 16.6034



173.8160, -21.1083, 3.6694

Square

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



180.0680, 13.7705, 16.6034



177.8230, -18.1537, 36.1122



170.4480, -13.0389, -17.9329



166.5280, 22.4177, -50.4521

Rectangle

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



180.0680, 13.7705, 16.6034



179.8740, -5.3609, 39.5755



170.4480, -13.0389, -17.9329



165.2820, 8.7350, -48.4823

Sweetspot

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



180.0680, 13.7705, 16.6034



245.2980, 4.7831, 5.8777



175.1850, 16.1778, -8.9322



122.1190, 2.8993, 3.4036



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.



180.0680, 13.7705, 16.6034



213.5450, 20.4373, 24.9550



181.3910, 7.2022, 23.3361



97.6460, 3.6255, 3.8185



58.9190, 53.7769, 64.9690



14.2420, 13.1917, 15.5738

Inverse Universe

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



178.8830, -2.4073, 25.5356



211.7320, -3.3189, 37.9460



191.6090, -7.2022, -23.3361



97.5170, -0.7479, 6.5626



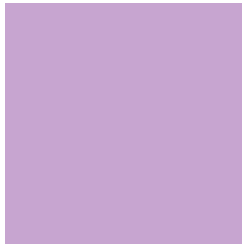
54.2220, -9.4764, 99.7833



13.2850, -2.1125, 24.3061

Previews

White Background



This preview shows how the YUV color 180.0680, 13.7705, 16.6034 looks on a white background.

Color Contrast Check

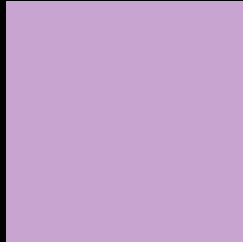
Large Text (above 18pt) WCAG AA × Fail

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 180.0680, 13.7705, 16.6034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

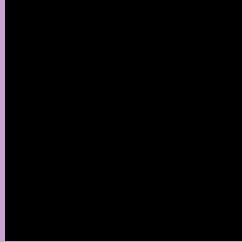
Any Text WCAG AA ✓ Pass

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 180.0680, 13.7705, 16.6034 Background



This preview shows how black text looks on a background with the YUV color 180.0680, 13.7705, 16.6034.



This preview shows how white text looks on a background with the YUV color 180.0680, 13.7705,

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

180.0680, 13.7705, 16.6034

Protanopia

177.4670, 18.5038, -8.3026

Deuteranopia

178.0830, 14.2561, 0.8042



Tritanopia

178.9570, 1.9932, 14.0697

Trichromacy



Original Color

180.0680, 13.7705, 16.6034

Protanomaly

178.0660, 16.7295, 0.8191

Deuteranomaly

178.4150, 14.0924, 6.6520

Tritanomaly

179.1080, 6.3558, 14.8143

Monochromacy



Original Color

180.0680, 13.7705, 16.6034

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2980, 4.7831, 5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.0680, 13.7705, 16.6034 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, 165, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 165, 208)  
}
```

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, 165, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 165, 208) }
```

Border

The CSS property to change the border of an element to YUV 180.0680, 13.7705, 16.6034 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, 165, 208) }
```


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

```
.border{ border-color:rgb(199, 165, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 165, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 165, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 165, 208);  
box-shadow:4px 4px 4px 4px rgb(199, 165,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 180.0680, 13.7705, 16.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 165, 208) }
```

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

```
.background{ background-color: rgb(199,  
165, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor