

# Converting Colors

YUV(177.3780, 13.6176,  
18.9625)

Have a look what the booklet for  
YUV(177.3780, 13.6176, 18.9625)  
contains.

<b>YUV(177.3780, 13.6176, 18.9625)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(177.3780, 13.6176,  
18.9625)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A1CD
RGB	199, 161, 205
RGB Percent	78%, 63%, 80%
CMY	0.2196, 0.3686, 0.1961
CMYK	0.03, 0.21, 0.00, 0.20
HSL	292°, 31%, 72%
HSV	292°, 21%, 80%
XYZ	47.3175, 42.0396, 63.3782
YIQ	177.3780, 8.5240, 21.7400

# Conversions

## Conversions Part 2

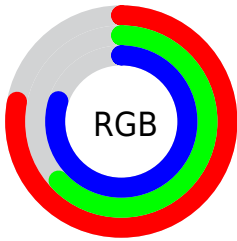
Format	Color
<a href="#">RYB</a>	<a href="#">199, 161, 205</a>
Decimal	<a href="#">13083085</a>
CIELab	<a href="#">70.90, 21.71, -17.17</a>
CIELCh	<a href="#">71, 27.680, 321.674</a>
Yxy	<a href="#">42.0396, 0.3098, 0.2752</a>
Android (android.graphics.Color)	<a href="#">4291273165 (0xFFC7A1CD)</a>
YUV	<a href="#">177.3780, 13.6176, 18.9625</a>
Hunter-Lab	<a href="#">64.8380, 16.7994, -12.5685</a>

# Details

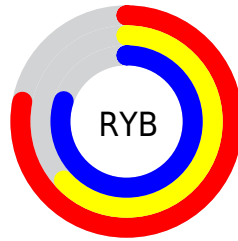
The YUV color  $177.3780, 13.6176, 18.9625$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $188.6220, -13.6176, -18.9625$ , and the grayscale version is  $177.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $232.1070, 11.2862, 20.0772$ , and  $124.5520, 13.0389, 17.9329$  is the 20% darker color. If you saturate the color by 10%, you get  $164.1540, 20.1371, 27.9289$ , and if you desaturate by 10%, it is  $190.0150, 7.3876, 10.5108$ .

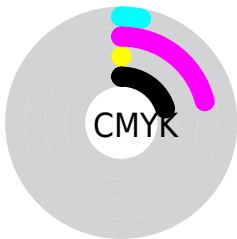
# Distribution



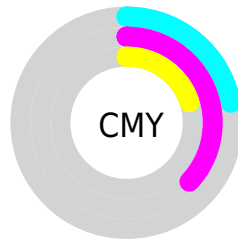
- Red (78%)
- Green (63%)
- Blue (80%)



- Red (78%)
- Yellow (63%)
- Blue (80%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (37%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.3780, 13.6176, 18.9625 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 177.3780, 13.6176, 18.9625 by changing the saturation by 10% instead.



177.3780, 13.6176,  
18.9625

177.3780, 13.6176,  
18.9625

255.0000, 0.0000,  
0.0000

150.5520, 13.0389,  
17.9329

232.1070, 11.2862,  
20.0772

124.5520, 13.0389,  
17.9329

249.1300, 2.8939,  
5.1480

99.7260, 12.4601,  
16.9033

75.3130, 12.1707,  
16.3885

52.1880, 11.7393,  
14.7441

29.7750, 11.4499,  
14.2293

12.3190, 9.7027,

14.6292

■ 0.4560, 1.7472,  
-0.3999

■ 0.0000, 0.0000,  
0.0000

■ 177.3780, 13.6176,  
18.9625

■ 177.3780, 13.6176,  
18.9625

■ 164.1540, 20.1371,  
27.9289

■ 190.0150, 7.3876,  
10.5108

■ 151.5170, 26.3671,  
36.3806

■ 203.2390, 0.8682,  
1.5444

■ 139.1790, 32.4498,  
45.4470

■ 215.5770, -5.2145,  
-7.5220

■ 125.9550, 38.9692,  
54.4135

■ 228.8010,  
-11.7339, -16.4885

■ 112.7310, 45.4886,  
63.3799

■ 236.7420,  
-15.6488, -20.8217

■ 100.0940, 51.7187,  
71.8316

■ 237.6390,  
-16.0910, -18.9774

■ 86.8700, 58.2381,  
80.7980

■ 238.5360,  
-16.5332, -17.1331

■ 76.2930, 63.4526,  
88.3200

■ 239.1340,  
-16.8281, -15.9035

■ 240.0310,  
-17.2703, -14.0592

# Harmonies

## Analogous

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



175.1020, 22.1347, -6.2285



177.3780, 13.6176, 18.9625



177.8010, 2.0701, 36.1315

# Triad

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



177.3780, 13.6176, 18.9625



172.5410, -23.9307, 22.3275



160.8450, 14.8664, -55.1151

# Complementary

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



177.3780, 13.6176, 18.9625



188.6220, -13.6176, -18.9625

# 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.



163.2630, 0.8563, -41.4497



177.3780, 13.6176, 18.9625



170.5770, -21.9765, 2.1250

# Square

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



177.3780, 13.6176, 18.9625



174.7800, -19.6115, 37.0269



167.2520, -12.4492, -20.3920



162.9730, 24.1703, -52.5963



# Rectangle

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



177.3780, 13.6176, 18.9625



176.6570, -6.2399, 41.5198



167.2520, -12.4492, -20.3920



161.7160, 10.4930, -52.3709

# Sweetspot

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



177.3780, 13.6176, 18.9625



245.5970, 4.6357, 6.4924



170.1250, 17.1934, -8.0026



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.



177.3780, 13.6176, 18.9625



213.5670, 20.4265, 28.4437



177.4620, 6.1812, 24.1508



95.8310, 3.0413, 4.5332



61.6810, 51.4293, 71.3168



14.1990, 11.7339, 16.4885



# Inverse Universe

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



174.8400, -3.8651, 26.4503



209.7600, -5.7977, 39.6755



188.5380, -6.1812, -24.1508



95.1040, -1.0373, 6.0478



52.2560, -14.4232, 99.7535

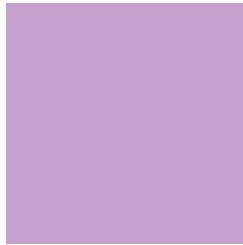


11.9320, -3.4175, 22.8616



# Previews

## White Background



This preview shows how the YUV color 177.3780, 13.6176, 18.9625 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

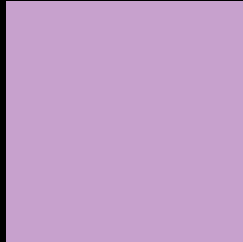
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 177.3780, 13.6176, 18.9625 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 177.3780, 13.6176, 18.9625

## Background



This preview shows how black text looks on a background with the YUV color 177.3780, 13.6176, 18.9625.



This preview shows how white text looks on a background with the YUV color 177.3780, 13.6176, 18.9625.



# 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

177.3780, 13.6176, 18.9625

### Protanopia

174.5810, 18.9406, -8.4025

### Deuteranopia

175.5560, 13.5299, 0.3894



## Tritanopia

176.1530, 1.4036, 16.5288

# Trichromacy



## Original Color

177.3780, 13.6176, 18.9625

## Protanomaly

175.4790, 17.0189, 1.3339

## Deuteranomaly

176.3010, 13.6556, 6.7520

## Tritanomaly

176.3040, 5.7661, 17.2734

# Monochromacy



## Original Color

177.3780, 13.6176, 18.9625

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

177.0100, 4.9251, 7.0072

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.3780, 13.6176, 18.9625 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, 161, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 205)  
}
```

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, 161, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 205) }
```

## Border

The CSS property to change the border of an element to YUV 177.3780, 13.6176, 18.9625 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, 161, 205) }
```



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

```
.border{ border-color:rgb(199, 161, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 177.3780, 13.6176, 18.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 205) }
```

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

```
.background{ background-color: rgb(199,  
161, 205) }
```

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