

# Converting Colors

YUV(179.2580, 15.6488,  
20.8217)

Have a look what the booklet for  
YUV(179.2580, 15.6488, 20.8217)  
contains.

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# Color

**YUV(179.2580, 15.6488,  
20.8217)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBA1D3
RGB	203, 161, 211
RGB Percent	80%, 63%, 83%
CMY	0.2039, 0.3686, 0.1725
CMYK	0.04, 0.24, 0.00, 0.17
HSL	290°, 36%, 73%
HSV	290°, 24%, 83%
XYZ	49.1313, 42.8894, 67.3170
YIQ	179.2580, 8.9820, 24.4540

# Conversions

## Conversions Part 2

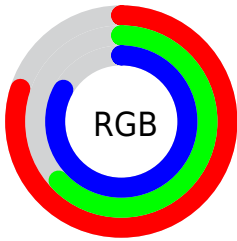
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 161, 211
Decimal	13345235
CIE <sub>Lab</sub>	71.48, 24.21, -19.55
CIE <sub>LCh</sub>	71, 31.118, 321.073
Yxy	42.8894, 0.3083, 0.2692
Android (android.graphics.Color)	4291535315 (0xFFCBA1D3)
YUV	179.2580, 15.6488, 20.8217
Hunter-Lab	65.4900, 19.3052, -15.1010

# Details

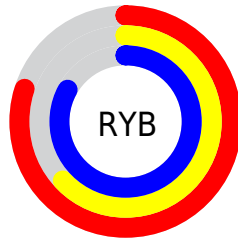
The YUV color  $179.2580, 15.6488, 20.8217$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $192.7420, -15.6488, -20.8217$ , and the grayscale version is  $179.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $232.1070, 11.2862, 20.0772$ , and  $126.0190, 14.7806, 19.2773$  is the 20% darker color. If you saturate the color by 10%, you get  $166.0340, 22.1682, 29.7882$ , and if you desaturate by 10%, it is  $192.4820, 9.1294, 11.8553$ .

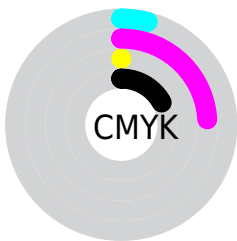
# Distribution



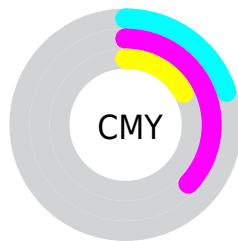
- Red (80%)
- Green (63%)
- Blue (83%)



- Red (80%)
- Yellow (63%)
- Blue (83%)



- Cyan (4%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)




- Cyan (20%)
- Magenta (37%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.2580, 15.6488, 20.8217 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 179.2580, 15.6488, 20.8217 by changing the saturation by 10% instead.





 179.2580, 15.6488,  
20.8217


 179.2580, 15.6488,  
20.8217


255.0000, 0.0000,  
0.0000


 152.4320, 15.0700,  
19.7921


 232.1070, 11.2862,  
20.0772

 126.0190, 14.7806,  
19.2773

 249.1300, 2.8939,  
5.1480

 100.6060, 14.4912,  
18.7625

 76.7800, 13.9125,  
17.7329

 53.0680, 13.7705,  
16.6034

 30.6550, 13.4811,  
16.0886

 13.3730, 11.1551,

15.4589

■ 1.3680, 5.2416,  
-1.1997

■ 0.0000, 0.0000,  
0.0000

■ 179.2580, 15.6488,  
20.8217

■ 179.2580, 15.6488,  
20.8217

■ 166.0340, 22.1682,  
29.7882

■ 192.4820, 9.1294,  
11.8553

■ 152.5110, 28.8351,  
38.1399

■ 206.0050, 2.4625,  
3.5036

■ 139.2870, 35.3545,  
47.1063

■ 219.2290, -4.0569,  
-5.4628

■ 125.7640, 42.0213,  
55.4580

■ 232.7520,  
-10.7237, -13.8145

■ 112.5400, 48.5408,  
64.4244

■ 239.5190,  
-14.0599, -17.1182

■ 98.7290, 55.3496,  
73.9057

■ 240.4160,  
-14.5021, -15.2738

■ 85.2060, 62.0164,  
82.2573

■ 241.6120,  
-15.0917, -12.8147

■ 76.9770, 66.0733,  
87.7202

■ 242.5090,  
-15.5339, -10.9704

■ 243.4060,  
-15.9762, -9.1261

# Harmonies

## Analogous

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



176.3020, 25.4871, -8.1579



179.2580, 15.6488, 20.8217



179.3500, 2.7855, 40.0351

# Triad

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



179.2580, 15.6488, 20.8217



174.0530, -27.1411, 25.3865



159.6480, 16.9355, -65.4663

# Complementary

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



179.2580, 15.6488, 20.8217



192.7420, -15.6488, -20.8217

# 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.



162.9310, 1.0200, -47.2975



179.2580, 15.6488, 20.8217



171.5940, -24.4498, 2.1101

# Square

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



179.2580, 15.6488, 20.8217



176.2320, -21.8064, 41.0155



167.4860, -14.0436, -22.3512



161.5310, 27.8392, -62.7327



# Rectangle

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



179.2580, 15.6488, 20.8217



178.5760, -6.6930, 46.8528



167.4860, -14.0436, -22.3512



160.4160, 12.1199, -60.8778

# Sweetspot

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



179.2580, 15.6488, 20.8217



243.5370, 5.6513, 7.4221



171.3960, 19.5248, -9.1173



120.9450, 3.4781, 4.4332



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.



179.2580, 15.6488, 20.8217



210.0340, 22.1682, 29.7882



179.7120, 7.0440, 27.4396



97.9450, 3.4781, 4.4332



61.3110, 52.5977, 69.8873



14.8400, 12.8969, 16.8033



# Inverse Universe

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



176.8620, -3.8760, 29.9390



206.4830, -5.6611, 42.5494



192.2880, -7.0440, -27.4396



97.5170, -0.7479, 6.5626



53.3100, -12.9708, 100.5831



13.0570, -2.9861, 24.5060



# Previews

## White Background



This preview shows how the YUV color 179.2580, 15.6488, 20.8217 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

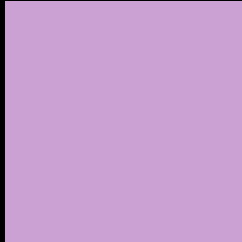
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.2580, 15.6488, 20.8217 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

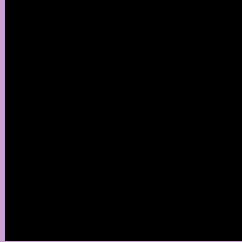
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 179.2580, 15.6488, 20.8217

## Background



This preview shows how black text looks on a background with the YUV color 179.2580, 15.6488, 20.8217.



This preview shows how white text looks on a background with the YUV color 179.2580, 15.6488,



# 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

179.2580, 15.6488, 20.8217

### Protanopia

175.6670, 21.8562, -10.2320

### Deuteranopia

176.8270, 15.8613, -0.7253



## Tritanopia

177.7510, 1.1088, 17.7584

# Trichromacy



## Original Color

179.2580, 15.6488, 20.8217

## Protanomaly

177.1630, 19.6396, 0.7340

## Deuteranomaly

177.5830, 15.9816, 7.3817

## Tritanomaly

178.4290, 6.1975, 18.9178

# Monochromacy



## Original Color

179.2580, 15.6488, 20.8217

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

178.9500, 5.9407, 7.9369

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.2580, 15.6488, 20.8217 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, 161, 211)` looks like.

```
.text, #text, p{  
    color:rgb(203, 161, 211)  
}
```

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, 161, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 161, 211) }
```

## Border

The CSS property to change the border of an element to YUV 179.2580, 15.6488, 20.8217 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, 161, 211) }
```



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

```
.border{ border-color:rgb(203, 161, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 161, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 161, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 161, 211);  
box-shadow:4px 4px 4px 4px rgb(203, 161,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 179.2580, 15.6488, 20.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 161, 211) }
```

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

```
.background{ background-color: rgb(203,  
161, 211) }
```

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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