

# Converting Colors

YUV(160.1750, 21.6057,  
23.5255)

Have a look what the booklet for  
YUV(160.1750, 21.6057, 23.5255)  
contains.

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# Color

**YUV(160.1750, 21.6057,  
23.5255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8ACC
RGB	187, 138, 204
RGB Percent	73%, 54%, 80%
CMY	0.2667, 0.4588, 0.2000
CMYK	0.08, 0.32, 0.00, 0.20
HSL	285°, 39%, 67%
HSV	285°, 32%, 80%
XYZ	40.4811, 33.1014, 61.3824
YIQ	160.1750, 8.0180, 30.9140

# Conversions

## Conversions Part 2

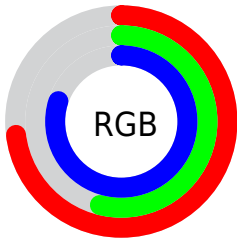
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	187, 138, 204
Decimal	12290764
CIE Lab	64.24, 30.32, -26.87
CIE LCh	64, 40.509, 318.450
Yxy	33.1014, 0.2999, 0.2453
Android (android.graphics.Color)	4290480844 (0xFFBB8ACC)
YUV	160.1750, 21.6057, 23.5255
Hunter-Lab	57.5338, 24.9094, -22.9824

# Details

The YUV color **160.1750, 21.6057, 23.5255** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.8250, -21.6057, -23.5255**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7300, 19.8531, 25.6698**, and **107.9360, 20.7376, 21.9811** is the 20% darker color. If you saturate the color by 10%, you get **146.9400, 28.1306, 30.7476**, and if you desaturate by 10%, it is **173.4100, 15.0809, 16.3034**.

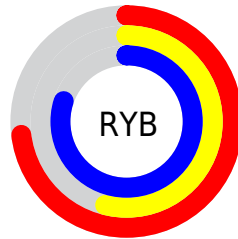
# Distribution



Red (73%)

Green (54%)

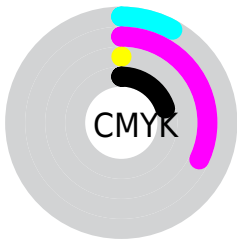
Blue (80%)



Red (73%)

Yellow (54%)

Blue (80%)

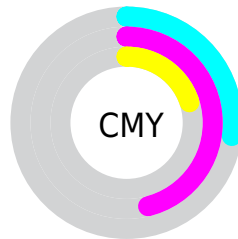


Cyan (8%)

Magenta (32%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (46%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.1750, 21.6057, 23.5255 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 160.1750, 21.6057, 23.5255 by changing the saturation by 10% instead.



160.1750, 21.6057,  
23.5255

160.1750, 21.6057,  
23.5255

255.0000, 0.0000,  
0.0000

133.6480, 20.8795,  
23.1107

214.7300, 19.8531,  
25.6698

107.9360, 20.7376,  
21.9811

234.4550, 10.1287,  
18.0180

83.1100, 20.1588,  
20.9515

251.4780, 1.7363,  
3.0888

59.1700, 19.1432,  
20.0219

35.4580, 19.0012,  
18.8923

16.2790, 17.1175,  
16.4183

3.4200, 13.1039,

-2.9993

■ 0.0000, 0.0000,  
0.0000

■ 160.1750, 21.6057,  
23.5255

■ 160.1750, 21.6057,  
23.5255

■ 146.9400, 28.1306,  
30.7476

■ 173.4100, 15.0809,  
16.3034

■ 132.8190, 35.0922,  
37.8697

■ 187.5310, 8.1192,  
9.1813

■ 119.5840, 41.6171,  
45.0918

■ 200.7660, 1.5944,  
1.9592

■ 105.7620, 48.4313,  
52.8287

■ 214.5880, -5.2199,  
-5.7777

■ 92.5270, 54.9562,  
60.0508

■ 227.8230,  
-11.7447, -12.9998

78.9930, 61.6285,  
66.6581

238.4220,  
-16.9700, -17.0331

68.4050, 66.8483,  
72.4358

239.9170,  
-17.7071, -13.9592

241.4120,  
-18.4441, -10.8853

242.9070,  
-19.1812, -7.8114

# Harmonies

## Analogous

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



156.0220, 33.5132, -15.8053



160.1750, 21.6057, 23.5255



159.5130, 5.6631, 50.4161

# Triad

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



160.1750, 21.6057, 23.5255



154.1480, -34.5830, 32.3192



122.9030, 26.6698, -107.7859

# Complementary

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



160.1750, 21.6057, 23.5255



181.8250, -21.6057, -23.5255

# 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.



136.6360, 1.6585, -65.4558



160.1750, 21.6057, 23.5255



150.8410, -32.4596, 4.5244

# Square

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



160.1750, 21.6057, 23.5255



155.8590, -26.0595, 51.8667



145.6720, -19.5583, -26.8993



124.2030, 41.8049, -108.9260



# Rectangle

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



160.1750, 21.6057, 23.5255



158.5820, -5.7099, 58.2486



145.6720, -19.5583, -26.8993



121.5350, 21.4282, -106.5862

# Sweetspot

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



160.1750, 21.6057, 23.5255



238.2320, 8.2666, 8.5665



156.0900, 23.6196, -15.8649



117.4120, 5.2199, 5.7777



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.



160.1750, 21.6057, 23.5255



189.1130, 32.4823, 34.9809



163.5480, 12.5478, 35.4764



95.2330, 3.3361, 3.3037



55.7010, 54.3774, 59.0212



12.7040, 12.4709, 13.4146



# Inverse Universe

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



159.6720, -2.3033, 38.8757



188.4510, -3.6733, 58.3635



178.4520, -12.5478, -35.4764



95.2180, -0.6005, 5.9478



54.5360, -5.6872, 97.7539

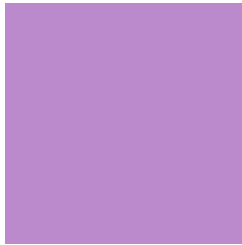


12.5020, -1.2335, 22.3617



# Previews

## White Background



This preview shows how the YUV color 160.1750, 21.6057, 23.5255 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

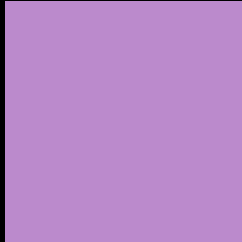
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.1750, 21.6057, 23.5255 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

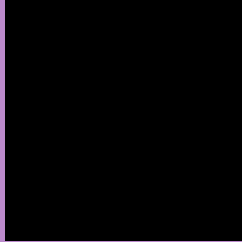
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 160.1750, 21.6057, 23.5255

## Background



This preview shows how black text looks on a background with the YUV color 160.1750, 21.6057, 23.5255.



This preview shows how white text looks on a background with the YUV color 160.1750, 21.6057, 23.5255.



# 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

160.1750, 21.6057, 23.5255

### Protanopia

155.9850, 29.5874, -16.6498

### Deuteranopia

156.6780, 21.8507, -8.4876



## Tritanopia

158.1210, -0.0597, 19.1879

# Trichromacy



## Original Color

160.1750, 21.6057, 23.5255

## Protanomaly

157.3890, 26.9232, -2.0952

## Deuteranomaly

158.3420, 21.5234, 3.2081

## Tritanomaly

159.1950, 7.7919, 20.8770

# Monochromacy



## Original Color

160.1750, 21.6057, 23.5255

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

160.1180, 7.8298, 8.6665

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.1750, 21.6057, 23.5255 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(187, 138, 204)` looks like.

```
.text, #text, p{  
    color:rgb(187, 138, 204)  
}
```

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(187, 138, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 138, 204) }
```

## Border

The CSS property to change the border of an element to YUV 160.1750, 21.6057, 23.5255 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(187, 138, 204) }
```



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

```
.border{ border-color:rgb(187, 138, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 138, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 138, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 138, 204);  
box-shadow:4px 4px 4px 4px rgb(187, 138,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 160.1750, 21.6057, 23.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 138, 204) }
```

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

```
.background{ background-color: rgb(187,  
138, 204) }
```

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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