

# Converting Colors

YUV(156.3710, 21.0161,  
25.9846)

Have a look what the booklet for  
YUV(156.3710, 21.0161, 25.9846)  
contains.

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# Color

**YUV(156.3710, 21.0161,  
25.9846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA85C7
RGB	186, 133, 199
RGB Percent	73%, 52%, 78%
CMY	0.2706, 0.4784, 0.2196
CMYK	0.07, 0.33, 0.00, 0.22
HSL	288°, 37%, 65%
HSV	288°, 33%, 78%
XYZ	38.9460, 31.3377, 58.0289
YIQ	156.3710, 10.4020, 31.7620

# Conversions

## Conversions Part 2

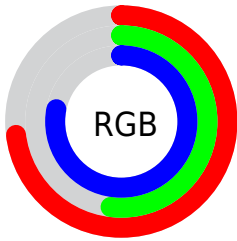
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 133, 199
Decimal	12223943
CIE <sub>Lab</sub>	62.79, 31.75, -26.31
CIE <sub>LCh</sub>	63, 41.235, 320.362
Yxy	31.3377, 0.3035, 0.2442
Android (android.graphics.Color)	4290414023 (0xFFBA85C7)
YUV	156.3710, 21.0161, 25.9846
Hunter-Lab	55.9801, 26.2196, -22.2740

# Details

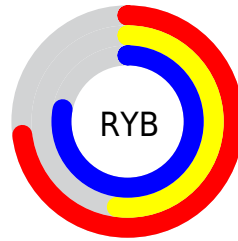
The YUV color **156.3710, 21.0161, 25.9846** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.6290, -21.0161, -25.9846**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4960, 21.4475, 27.6290**, and **104.1320, 20.1479, 24.4402** is the 20% darker color. If you saturate the color by 10%, you get **143.4350, 27.3935, 33.8215**, and if you desaturate by 10%, it is **169.3070, 14.6386, 18.1478**.

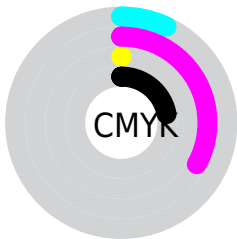
# Distribution



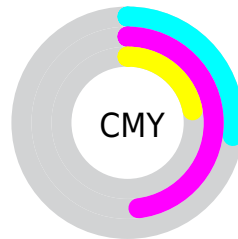
- Red (73%)
- Green (52%)
- Blue (78%)



- Red (73%)
- Yellow (52%)
- Blue (78%)



- Cyan (7%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)




- Cyan (27%)
- Magenta (48%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 156.3710, 21.0161, 25.9846 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 156.3710, 21.0161, 25.9846 by changing the saturation by 10% instead.





 156.3710, 21.0161,  
25.9846


 156.3710, 21.0161,  
25.9846


255.0000, 0.0000,  
0.0000

 129.9580, 20.7267,  
25.4698


 211.4960, 21.4475,  
27.6290


 104.1320, 20.1479,  
24.4402

 231.5200, 11.5756,  
20.5920

 79.3060, 19.5691,  
23.4106

 247.9560, 3.4727,  
6.1776

 55.4800, 18.9904,  
22.3810

 31.1810, 19.1378,  
21.7663

 15.9370, 15.8071,  
16.7183

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 156.3710, 21.0161,  
25.9846

■ 156.3710, 21.0161,  
25.9846

■ 143.4350, 27.3935,  
33.8215

■ 169.3070, 14.6386,  
18.1478

■ 130.4990, 33.7710,  
41.6584

■ 182.2430, 8.2612,  
10.3109

■ 117.5630, 40.1484,  
49.4952

■ 195.1790, 1.8838,  
2.4740

■ 104.6270, 46.5259,  
57.3321

■ 208.1150, -4.4937,  
-5.3629

■ 92.2780, 52.6139,  
64.6542

■ 221.0510,  
-10.8711, -13.1997

79.3420, 58.9914,  
72.4911

233.4000,  
-16.9592, -20.5218

70.5260, 63.3377,  
78.4687

236.0580,  
-18.2696, -20.2219

237.2540,  
-18.8592, -17.7628

238.4500,  
-19.4489, -15.3037

# Harmonies

## Analogous

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



152.3320, 33.3603, -13.4462



156.3710, 21.0161, 25.9846



154.9970, 4.9315, 51.7456

# Triad

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



156.3710, 21.0161, 25.9846



150.0230, -35.0143, 30.6748



120.4410, 27.3906, -105.6268

# Complementary

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



156.3710, 21.0161, 25.9846



175.6290, -21.0161, -25.9846

# 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.



130.1730, 3.8587, -71.1887



156.3710, 21.0161, 25.9846



146.2430, -32.1648, 3.2949

# Square

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



156.3710, 21.0161, 25.9846



152.2180, -27.2225, 51.5518



141.2910, -18.3845, -30.0732



121.6270, 42.0889, -106.6669



# Rectangle

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



156.3710, 21.0161, 25.9846



153.9520, -6.8783, 59.6781



141.2910, -18.3845, -30.0732



119.0730, 22.1490, -104.4270

# Sweetspot

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



156.3710, 21.0161, 25.9846



238.8300, 7.9718, 9.7961



148.1550, 25.0666, -13.2909



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.



156.3710, 21.0161, 25.9846



189.1460, 32.4660, 40.2140



157.9780, 10.3638, 35.9763



93.1190, 2.8993, 3.4036



57.7510, 51.8878, 64.2394



12.7750, 11.4499, 14.2293



# Inverse Universe

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



154.2160, -4.0505, 39.2756



185.7780, -6.2996, 60.7077



174.0220, -10.3638, -35.9763



92.8050, -0.8899, 5.4330



52.3850, -10.0498, 97.0094



11.5620, -2.2491, 21.4321



# Previews

## White Background



This preview shows how the YUV color 156.3710, 21.0161, 25.9846 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

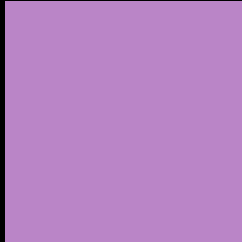
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 156.3710, 21.0161, 25.9846 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

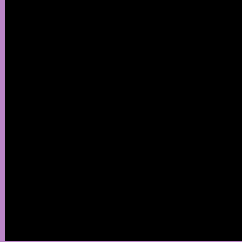
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 156.3710, 21.0161, 25.9846

## Background



This preview shows how black text looks on a background with the YUV color 156.3710, 21.0161, 25.9846.



This preview shows how white text looks on a background with the YUV color 156.3710, 21.0161, 25.9846.

25.9846.

# 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

156.3710, 21.0161, 25.9846

### Protanopia

151.9850, 29.5874, -16.6498

### Deuteranopia

152.8630, 21.2665, -7.7729



## Tritanopia

154.3170, -0.6493, 21.6470

# Trichromacy



## Original Color

156.3710, 21.0161, 25.9846



## Protanomaly

153.5740, 26.3390, -1.3804



## Deuteranomaly

153.9400, 21.2286, 4.4376



## Tritanomaly

155.3910, 7.2022, 23.3361

# Monochromacy



## Original Color

156.3710, 21.0161, 25.9846



## Achromatopsia

156.0000, 0.0000, 0.0000



## Achromatomaly

156.4170, 7.6824, 9.2813

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 156.3710, 21.0161, 25.9846 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(186, 133, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 133, 199)  
}
```

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(186, 133, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 133, 199) }
```

## Border

The CSS property to change the border of an element to YUV 156.3710, 21.0161, 25.9846 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(186, 133, 199) }
```



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

```
.border{ border-color:rgb(186, 133, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 133, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 133, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 133, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 133,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 156.3710, 21.0161, 25.9846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 133, 199) }
```

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

```
.background{ background-color: rgb(186,  
133, 199) }
```

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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