

Converting Colors

YUV(156.9660, 11.8488,
26.3398)

Have a look what the booklet for
YUV(156.9660, 11.8488, 26.3398)
contains.

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Color

**YUV(156.9660, 11.8488,
26.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	BB89B5
RGB	187, 137, 181
RGB Percent	73%, 54%, 71%
CMY	0.2667, 0.4627, 0.2902
CMYK	0.00, 0.27, 0.03, 0.27
HSL	307°, 27%, 64%
HSV	307°, 27%, 73%
XYZ	37.7797, 31.7923, 47.8614
YIQ	156.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

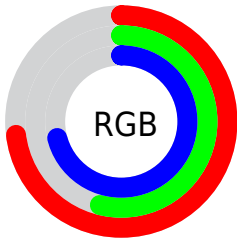
Format	Color
R_{YB}	187, 137, 181
Decimal	12290485
CIE _{Lab}	63.17, 26.38, -15.57
CIE _{LCh}	63, 30.627, 329.451
Yxy	31.7923, 0.3217, 0.2707
Android (android.graphics.Color)	4290480565 (0xFFBB89B5)
YUV	156.9660, 11.8488, 26.3398
Hunter-Lab	56.3847, 20.9280, -10.8583

Details

The YUV color **156.9660, 11.8488, 26.3398** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.0340, -11.8488, -26.3398**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0910, 12.2801, 27.9842**, and **104.8410, 11.4174, 24.6954** is the 20% darker color. If you saturate the color by 10%, you get **145.5850, 16.4736, 36.3210**, and if you desaturate by 10%, it is **168.3470, 7.2239, 16.3587**.

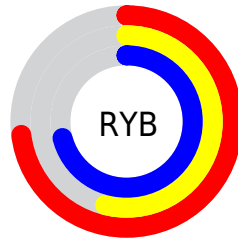
Distribution



Red (73%)

Green (54%)

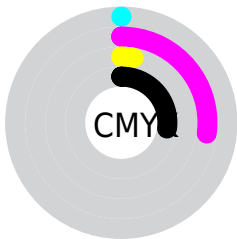
Blue (71%)



Red (73%)

Yellow (54%)

Blue (71%)

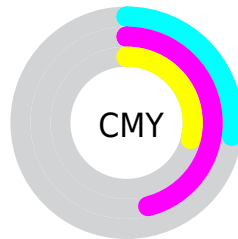


Cyan (0%)

Magenta (27%)

Yellow (3%)

Black (27%)



Cyan (27%)


Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.9660, 11.8488, 26.3398 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 156.9660, 11.8488, 26.3398 by changing the saturation by 10% instead.


 156.9660, 11.8488,
26.3398


 156.9660, 11.8488,
26.3398


255.0000, 0.0000,
0.0000


 130.5530, 11.5594,
25.8250


 212.0910, 12.2801,
27.9842


 104.8410, 11.4174,
24.6954


 233.8680, 10.4181,
18.5328

 80.1290, 11.2754,
23.5659

 250.8910, 2.0257,
3.6036

 56.4170, 11.1334,
22.4363

 33.7050, 10.9914,
21.3067

 14.9390, 9.3971,
19.3475

 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 156.9660, 11.8488,
26.3398

■ 156.9660, 11.8488,
26.3398

■ 145.5850, 16.4736,
36.3210

■ 168.3470, 7.2239,
16.3587

■ 134.7910, 20.8090,
45.7873

■ 179.1410, 2.8885,
6.8923

■ 123.2960, 24.9971,
55.8684

■ 190.6360, -1.2995,
-3.1888

■ 111.9150, 29.6219,
65.8495

■ 202.0170, -5.9244,
-13.1699

■ 101.1210, 33.9573,
75.3159

■ 213.3980,
-10.5492, -23.1510

89.7400, 38.5822,
85.2970

224.1920,
-14.8847, -32.6174

78.2450, 42.7702,
95.3781

228.0560,
-15.3106, -36.0061

74.7230, 44.5066,
98.4669

228.2840,
-14.4370, -36.2061

228.5120,
-13.5634, -36.4060

Harmonies

Analogous

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



155.1460, 22.1130, 0.7490



156.9660, 11.8488, 26.3398



156.0360, -1.0037, 42.0644

Triad

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



156.9660, 11.8488, 26.3398



151.2370, -26.2458, 18.2092



135.7770, 21.3089, -68.2104

Complementary

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



156.9660, 11.8488, 26.3398



167.0340, -11.8488, -26.3398

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.



139.4510, 5.6937, -53.0155



156.9660, 11.8488, 26.3398



148.0600, -21.2286, -4.4376

Square

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



156.9660, 11.8488, 26.3398



153.5580, -22.9531, 35.4676



144.4790, -10.0961, -28.4841



140.4930, 28.8440, -58.3144

Rectangle

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



156.9660, 11.8488, 26.3398



155.4680, -9.5977, 45.1936



144.4790, -10.0961, -28.4841



136.5340, 16.4987, -65.3663

Sweetspot

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



156.9660, 11.8488, 26.3398



230.6190, 4.6248, 9.9811



144.4940, 20.9555, -1.3102



114.8420, 3.0359, 6.2776



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.9660, 11.8488, 26.3398



195.7750, 18.3519, 40.5393



154.1160, 0.9288, 28.8393



88.6030, 2.1677, 4.7332



63.0880, 37.4246, 83.2378



12.3470, 7.2239, 16.3587

Inverse Universe

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



156.9660, 11.8488, 26.3398



195.7750, 18.3519, 40.5393



169.8840, -0.9288, -28.8393



88.6030, 2.1677, 4.7332



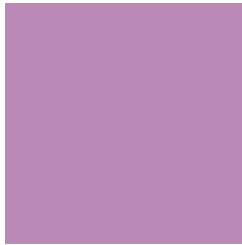
63.0880, 37.4246, 83.2378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 156.9660, 11.8488, 26.3398 looks on a white background.

Color Contrast Check

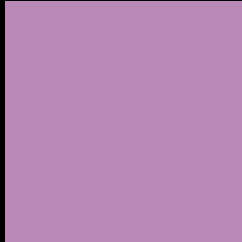
Large Text (above 18pt) WCAG AA × Fail

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 156.9660, 11.8488, 26.3398 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 156.9660, 11.8488, 26.3398

Background



This preview shows how black text looks on a background with the YUV color 156.9660, 11.8488, 26.3398.



This preview shows how white text looks on a background with the YUV color 156.9660, 11.8488,

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

156.9660, 11.8488, 26.3398

Protanopia

154.0540, 18.2144, -8.8174

Deuteranopia

154.5130, 12.0721, 1.3041



Tritanopia

155.5130, -1.2389, 24.1061

Trichromacy



Original Color

156.9660, 11.8488, 26.3398

Protanomaly

155.4470, 15.5556, 3.9930

Deuteranomaly

155.5680, 12.0450, 10.0259

Tritanomaly

155.7780, 3.5604, 24.7507

Monochromacy



Original Color

156.9660, 11.8488, 26.3398

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2060, 4.3354, 9.4663

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9660, 11.8488, 26.3398 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, 137, 181)` looks like.

```
.text, #text, p{  
    color:rgb(187, 137, 181)  
}
```

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, 137, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 137, 181) }
```

Border

The CSS property to change the border of an element to YUV 156.9660, 11.8488, 26.3398 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, 137, 181) }
```


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

```
.border{ border-color:rgb(187, 137, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 137, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 137, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 137, 181);  
box-shadow:4px 4px 4px 4px rgb(187, 137,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 156.9660, 11.8488, 26.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 137, 181) }
```

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

```
.background{ background-color: rgb(187,  
137, 181) }
```

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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