

Converting Colors

YUV(165.8440, 16.8389,
12.4148)

Have a look what the booklet for
YUV(165.8440, 16.8389, 12.4148)
contains.

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Color

**YUV(165.8440, 16.8389,
12.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	B498C8
RGB	180, 152, 200
RGB Percent	71%, 60%, 78%
CMY	0.2941, 0.4039, 0.2157
CMYK	0.10, 0.24, 0.00, 0.22
HSL	275°, 30%, 69%
HSV	275°, 24%, 78%
XYZ	40.4760, 36.3299, 59.5226
YIQ	165.8440, 1.2800, 20.8640

Conversions

Conversions Part 2

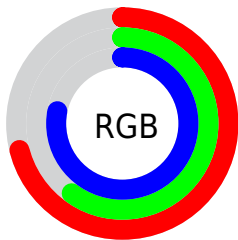
Format	Color
RYB	180, 152, 200
Decimal	11835592
CIELab	66.77, 19.40, -20.82
CIELCh	67, 28.462, 312.976
Yxy	36.3299, 0.2969, 0.2665
Android (android.graphics.Color)	4290025672 (0xFFB498C8)
YUV	165.8440, 16.8389, 12.4148
Hunter-Lab	60.2743, 14.3880, -16.3586

Details

The YUV color **165.8440, 16.8389, 12.4148** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.1560, -16.8389, -12.4148**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5560, 16.9809, 13.5444**, and **113.9040, 15.8233, 11.4852** is the 20% darker color. If you saturate the color by 10%, you get **151.7120, 23.8060, 17.7926**, and if you desaturate by 10%, it is **179.9760, 9.8718, 7.0370**.

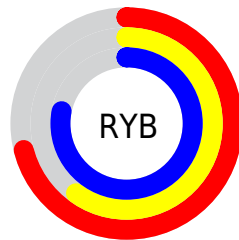
Distribution



Red (71%)

Green (60%)

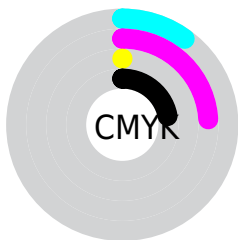
Blue (78%)



Red (71%)

Yellow (60%)

Blue (78%)

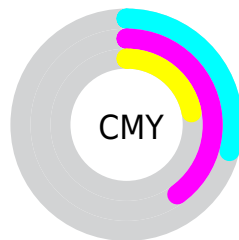


Cyan (10%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8440, 16.8389, 12.4148 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 165.8440, 16.8389, 12.4148 by changing the saturation by 10% instead.

■ 165.8440, 16.8389,
12.4148

■ 165.8440, 16.8389,
12.4148

255.0000, 0.0000,
0.0000

■ 139.4310, 16.5495,
11.9000

■ 220.5560, 16.9809,
13.5444

■ 113.9040, 15.8233,
11.4852

■ 243.2600, 5.7878,
10.2960

■ 89.0780, 15.2445,
10.4556

■ 65.5510, 14.5184,
10.0408

■ 42.7250, 13.9396,
9.0112

■ 21.3120, 13.6502,
8.4964

■ 3.1920, 12.2303,

-2.7994

■ 0.0000, 0.0000,
0.0000

■ 165.8440, 16.8389,
12.4148

■ 165.8440, 16.8389,
12.4148

■ 151.7120, 23.8060,
17.7926

■ 179.9760, 9.8718,
7.0370

■ 137.2810, 30.9205,
22.5556

■ 194.4070, 2.7573,
2.2741

■ 123.1490, 37.8875,
27.9333

■ 208.5390, -4.2097,
-3.1037

■ 109.0170, 44.8546,
33.3111

■ 222.6710,
-11.1768, -8.4815

■ 94.5860, 51.9691,
38.0741

■ 237.1020,
-18.2913, -13.2445

80.4540, 58.9362,
43.4518

241.2550,
-20.3387, -9.8706

66.3220, 65.9033,
48.8296

243.6470,
-21.5180, -4.9524

57.7830, 70.1130,
51.9333

246.3380,
-22.8446, 0.5806

248.7300,
-24.0239, 5.4988

Harmonies

Analogous

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



162.3290, 24.4878, -14.3205



165.8440, 16.8389, 12.4148



166.4030, 5.7173, 32.9726

Triad

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



165.8440, 16.8389, 12.4148



162.2750, -23.7996, 26.9458



149.6340, 11.5194, -54.9300

Complementary

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



165.8440, 16.8389, 12.4148



186.1560, -16.8389, -12.4148

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.



153.2590, -3.0857, -37.0611



165.8440, 16.8389, 12.4148



159.5670, -23.4505, 8.2727

Square

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



165.8440, 16.8389, 12.4148



164.0730, -17.2910, 39.4010



156.6720, -16.1073, -13.7443



149.8860, 22.7342, -58.6590

Rectangle

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



165.8440, 16.8389, 12.4148



165.6830, -2.3087, 40.6200



156.6720, -16.1073, -13.7443



150.4020, 6.7038, -50.3416

Sweetspot

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



165.8440, 16.8389, 12.4148



242.3410, 6.2409, 4.9629



169.2120, 15.1785, -15.0949



120.0480, 3.9203, 2.5889



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.



165.8440, 16.8389, 12.4148



202.2930, 25.9846, 19.0370



171.3680, 12.1436, 25.1103



92.5210, 3.1941, 2.1741



46.9870, 57.1944, 42.1074



10.3830, 12.6292, 9.3111

Inverse Universe

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



168.6320, 1.6604, 27.5097



206.6600, 2.6326, 42.3942



180.6320, -12.1436, -25.1103



93.1470, 0.4205, 5.1331



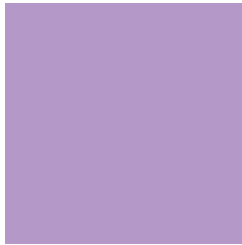
56.4890, 5.6749, 93.4101



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 165.8440, 16.8389, 12.4148 looks on a white background.

Color Contrast Check

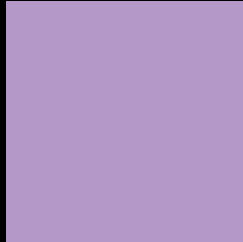
Large Text (above 18pt) WCAG AA × Fail

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 165.8440, 16.8389, 12.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

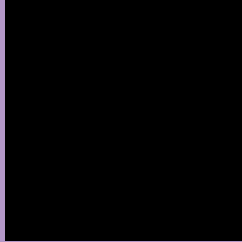
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.8440, 16.8389, 12.4148

Background



This preview shows how black text looks on a background with the YUV color 165.8440, 16.8389, 12.4148.



This preview shows how white text looks on a background with the YUV color 165.8440, 16.8389, 12.4148.

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

165.8440, 16.8389, 12.4148

Protanopia

163.1400, 21.1300, -10.6468

Deuteranopia

163.8590, 17.3245, -3.3843



Tritanopia

164.4510, 2.7357, 9.2515

Trichromacy



Original Color

165.8440, 16.8389, 12.4148

Protanomaly

164.4400, 19.5031, -2.1399

Deuteranomaly

164.1910, 17.1608, 2.4635

Tritanomaly

165.1290, 7.8244, 10.4109

Monochromacy



Original Color

165.8440, 16.8389, 12.4148

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8440, 16.8389, 12.4148 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(180, 152, 200)` looks like.

```
.text, #text, p{  
    color:rgb(180, 152, 200)  
}
```

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(180, 152, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 152, 200) }
```

Border

The CSS property to change the border of an element to YUV 165.8440, 16.8389, 12.4148 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(180, 152, 200) }
```


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

```
.border{ border-color:rgb(180, 152, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 152, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 152, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 152, 200);  
box-shadow:4px 4px 4px 4px rgb(180, 152,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 165.8440, 16.8389, 12.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 152, 200) }
```

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

```
.background{ background-color: rgb(180,  
152, 200) }
```

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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