

Converting Colors

YUV(168.8310, 6.4923, 17.6882)

Have a look what the booklet for
YUV(168.8310, 6.4923, 17.6882)
contains.

YUV(168.8310, 6.4923, 17.6882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.8310, 6.4923,
17.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9CB6
RGB	189, 156, 182
RGB Percent	74%, 61%, 71%
CMY	0.2588, 0.3882, 0.2863
CMYK	0.00, 0.17, 0.04, 0.26
HSL	313°, 20%, 68%
HSV	313°, 17%, 74%
XYZ	41.3182, 37.9731, 49.4078
YIQ	168.8310, 11.3220, 15.0820

Conversions

Conversions Part 2

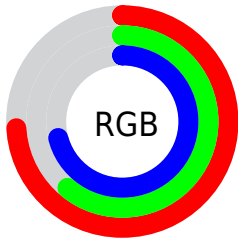
Format	Color
RYB	189, 156, 182
Decimal	12426422
CIELab	68.00, 16.69, -8.86
CIELCh	68, 18.899, 332.044
Yxy	37.9731, 0.3210, 0.2951
Android (android.graphics.Color)	4290616502 (0xFFBD9CB6)
YUV	168.8310, 6.4923, 17.6882
Hunter-Lab	61.6224, 11.8464, -4.4021

Details

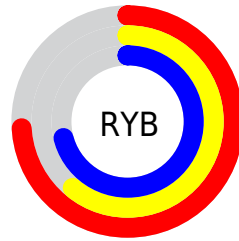
The YUV color **168.8310, 6.4923, 17.6882** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.1690, -6.4923, -17.6882**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2440, 6.7817, 18.2030**, and **116.7060, 6.0609, 16.0438** is the 20% darker color. If you saturate the color by 10%, you get **157.2220, 10.2436, 27.8693**, and if you desaturate by 10%, it is **180.4400, 2.7411, 7.5071**.

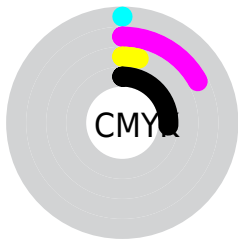
Distribution



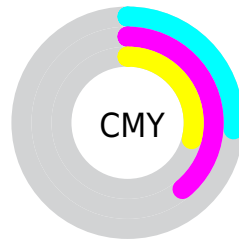
- Red (74%)
- Green (61%)
- Blue (71%)



- Red (74%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (26%)





- Cyan (26%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.8310, 6.4923, 17.6882 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 168.8310, 6.4923, 17.6882 by changing the saturation by 10% instead.


 168.8310, 6.4923,
17.6882


 168.8310, 6.4923,
17.6882

255.0000, 0.0000,
0.0000


 142.4180, 6.2029,
17.1734


 224.2440, 6.7817,
18.2030


 116.7060, 6.0609,
16.0438

 245.6080, 4.6303,
8.2368

 91.7060, 6.0609,
16.0438

 67.9940, 5.9190,
14.9143

 45.5810, 5.6296,
14.3995

 23.8690, 5.4876,
13.2699

 5.6680, 3.6147,

7.3072

■ 0.0000, 0.0000,
0.0000

■ 168.8310, 6.4923,
17.6882

■ 168.8310, 6.4923,
17.6882

■ 157.2220, 10.2436,
27.8693

■ 180.4400, 2.7411,
7.5071

■ 145.6130, 13.9948,
38.0504

■ 192.0490, -1.0102,
-2.6740

■ 134.0040, 17.7460,
48.2315

■ 203.6580, -4.7614,
-12.8551

■ 122.3950, 21.4973,
58.4126

■ 215.2670, -8.5126,
-23.0362

■ 111.3730, 24.9591,
68.0789

■ 226.8760,
-12.2639, -33.2173

■ 99.7640, 28.7103,
78.2600

■ 229.6800,
-11.6742, -35.6764

■ 88.1550, 32.4616,
88.4411

■ 230.1360, -9.9270,
-36.0763

■ 76.5460, 36.2128,
98.6222

■ 230.5920, -8.1799,
-36.4762

■ 73.4970, 37.2230,
101.2961

■ 231.0480, -6.4327,
-36.8761

Harmonies

Analogous

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



167.5670, 13.5245, 2.1337



168.8310, 6.4923, 17.6882



169.0080, -1.9759, 27.1800

Triad

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



168.8310, 6.4923, 17.6882



165.1250, -16.3306, 11.2914



159.1680, 11.7492, -35.2273

Complementary

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



168.8310, 6.4923, 17.6882



176.1690, -6.4923, -17.6882

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.



159.3120, 3.2972, -30.9686



168.8310, 6.4923, 17.6882



162.9490, -12.7929, -3.4633

Square

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



168.8310, 6.4923, 17.6882



166.5440, -15.0582, 23.2019



160.9840, -5.9081, -18.4030



161.4660, 16.5323, -29.3497

Rectangle

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



168.8310, 6.4923, 17.6882



168.0530, -6.9281, 28.8945



160.9840, -5.9081, -18.4030



158.8970, 9.4178, -34.1127

Sweetspot

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



168.8310, 6.4923, 17.6882



237.6140, 2.1623, 6.4775



161.8550, 13.3825, 1.0042



117.7770, 1.5889, 3.7036



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.



168.8310, 6.4923, 17.6882



213.2220, 10.2436, 27.8693



167.0070, -0.4965, 19.2879



88.4890, 1.7309, 4.8331



61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586

Inverse Universe

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



168.8310, 6.4923, 17.6882



213.2220, 10.2436, 27.8693



177.9930, 0.4965, -19.2879



88.4890, 1.7309, 4.8331



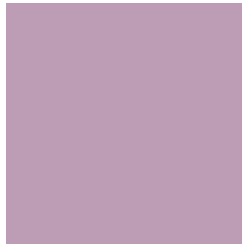
61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 168.8310, 6.4923, 17.6882 looks on a white background.

Color Contrast Check

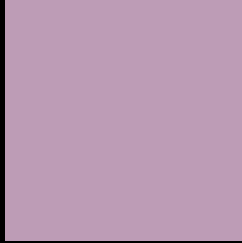
Large Text (above 18pt) WCAG AA × Fail

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 168.8310, 6.4923, 17.6882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

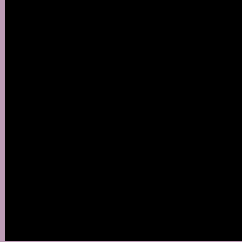
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.8310, 6.4923, 17.6882

Background



This preview shows how black text looks on a background with the YUV color 168.8310, 6.4923, 17.6882.



This preview shows how white text looks on a background with the YUV color 168.8310, 6.4923,

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

168.8310, 6.4923, 17.6882

Protanopia

166.6110, 10.0518, -4.0438

Deuteranopia

167.4660, 6.6723, 6.6073



Tritanopia

168.0390, 0.9668, 16.6288

Trichromacy



Original Color

168.8310, 6.4923, 17.6882

Protanomaly

167.6120, 8.5723, 3.8483

Deuteranomaly

167.7870, 6.5140, 10.7108

Tritanomaly

168.2070, 2.8559, 17.3585

Monochromacy



Original Color

168.8310, 6.4923, 17.6882

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.7280, 2.5991, 6.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8310, 6.4923, 17.6882 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(189, 156, 182)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 182)  
}
```

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(189, 156, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 182) }
```

Border

The CSS property to change the border of an element to YUV 168.8310, 6.4923, 17.6882 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(189, 156, 182) }
```


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

```
.border{ border-color:rgb(189, 156, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 156, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 182);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 168.8310, 6.4923, 17.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 182) }
```

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

```
.background{ background-color: rgb(189,  
156, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor