

Converting Colors

YUV(168.4750, 16.5278,
18.8774)

Have a look what the booklet for
YUV(168.4750, 16.5278, 18.8774)
contains.

YUV(168.4750, 16.5278, 18.8774)	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(168.4750, 16.5278,
18.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	BE97CA
RGB	190, 151, 202
RGB Percent	75%, 59%, 79%
CMY	0.2549, 0.4078, 0.2078
CMYK	0.06, 0.25, 0.00, 0.21
HSL	286°, 32%, 69%
HSV	286°, 25%, 79%
XYZ	42.9625, 37.3446, 60.8210
YIQ	168.4750, 6.8730, 24.1290

Conversions

Conversions Part 2

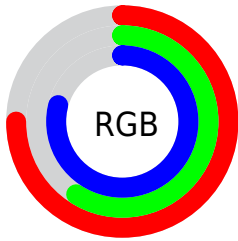
Format	Color
RYB	190, 151, 202
Decimal	12490698
CIELab	67.53, 23.66, -20.69
CIELCh	68, 31.430, 318.836
Yxy	37.3446, 0.3044, 0.2646
Android (android.graphics.Color)	4290680778 (0xFFBE97CA)
YUV	168.4750, 16.5278, 18.8774
Hunter-Lab	61.1103, 18.5483, -16.2322

Details

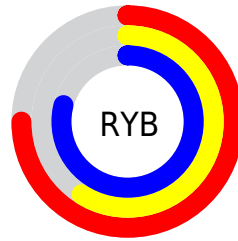
The YUV color **168.4750, 16.5278, 18.8774** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.5250, -16.5278, -18.8774**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2580, 15.6488, 20.8217**, and **116.2360, 15.6597, 17.3330** is the 20% darker color. If you saturate the color by 10%, you get **155.2400, 23.0527, 26.0995**, and if you desaturate by 10%, it is **181.7100, 10.0030, 11.6553**.

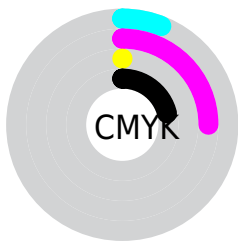
Distribution



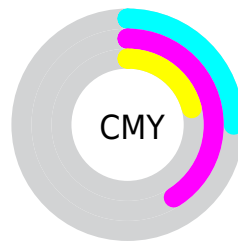
- Red (75%)
- Green (59%)
- Blue (79%)



- Red (75%)
- Yellow (59%)
- Blue (79%)



- Cyan (6%)
- Magenta (25%)
- Yellow (0%)
- Black (21%)





- Cyan (25%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.4750, 16.5278, 18.8774 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 168.4750, 16.5278, 18.8774 by changing the saturation by 10% instead.


 168.4750, 16.5278,
18.8774

 168.4750, 16.5278,
18.8774


255.0000, 0.0000,
0.0000

 142.0620, 16.2384,
18.3626


 223.2580, 15.6488,
20.8217


 116.2360, 15.6597,
17.3330

 242.6730, 6.0772,
10.8108

 90.8230, 15.3703,
16.8182

 66.9970, 14.7915,
15.7886

 44.1710, 14.2127,
14.7590

 21.7580, 13.9233,
14.2442

 7.4920, 10.6034,

5.7075

■ 0.0000, 0.0000,
0.0000

■ 168.4750, 16.5278,
18.8774

■ 168.4750, 16.5278,
18.8774

■ 155.2400, 23.0527,
26.0995

■ 181.7100, 10.0030,
11.6553

■ 142.0050, 29.5775,
33.3216

■ 194.9450, 3.4781,
4.4332

■ 128.4820, 36.2444,
41.6733

■ 208.4680, -3.1887,
-3.9184

■ 115.2470, 42.7692,
48.8954

■ 221.7030, -9.7136,
-11.1405

■ 102.0120, 49.2941,
56.1175

■ 234.9380,
-16.2384, -18.3626

■ 88.7770, 55.8189,
63.3396

■ 238.1940,
-17.8436, -16.8331

■ 75.8410, 62.1964,
71.1764

■ 239.3900,
-18.4333, -14.3740

■ 69.0740, 65.5325,
74.4801

■ 240.8850,
-19.1703, -11.3001

■ 242.3800,
-19.9073, -8.2263

Harmonies

Analogous

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



165.1060, 26.0767, -10.6170



168.4750, 16.5278, 18.8774



168.2790, 3.8065, 39.2203

Triad

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



168.4750, 16.5278, 18.8774



163.7650, -26.9991, 26.5161



147.9360, 16.7936, -66.5959

Complementary

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



168.4750, 16.5278, 18.8774



184.5250, -16.5278, -18.8774

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.



152.4150, 0.2884, -45.9680



168.4750, 16.5278, 18.8774



160.7900, -25.0395, 4.5692

Square

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



168.4750, 16.5278, 18.8774



165.7590, -21.0802, 41.4304



157.1550, -15.3594, -20.3069



149.5090, 27.8501, -66.2214

Rectangle

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



168.4750, 16.5278, 18.8774



167.6190, -5.2352, 45.9381



157.1550, -15.3594, -20.3069



149.1880, 11.2463, -60.6779

Sweetspot

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



168.4750, 16.5278, 18.8774



241.7650, 6.5249, 7.2221



164.4450, 18.5146, -11.7913



119.4720, 4.2043, 4.8481



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.



168.4750, 16.5278, 18.8774



205.0060, 24.6470, 28.0587



170.5810, 9.0806, 27.5545



95.5320, 3.1887, 3.9184



56.8970, 53.7878, 61.4803



13.0030, 12.3235, 14.0294

Inverse Universe

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



167.6170, -2.2762, 30.1539



203.6620, -3.7774, 45.0234



182.4190, -9.0806, -27.5545



95.2180, -0.6005, 5.9478



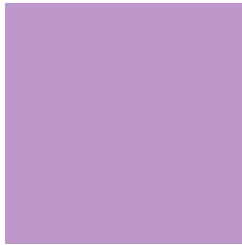
54.0800, -7.4344, 98.1538



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 168.4750, 16.5278, 18.8774 looks on a white background.

Color Contrast Check

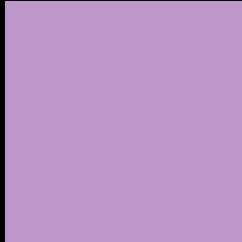
Large Text (above 18pt) WCAG AA × Fail

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 168.4750, 16.5278, 18.8774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

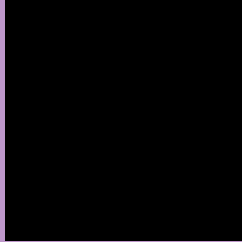
Any Text WCAG AA ✓ Pass

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 168.4750, 16.5278, 18.8774 Background



This preview shows how black text looks on a background with the YUV color 168.4750, 16.5278, 18.8774.



This preview shows how white text looks on a background with the YUV color 168.4750, 16.5278,

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

168.4750, 16.5278, 18.8774

Protanopia

165.3680, 22.0036, -10.8467

Deuteranopia

166.0440, 16.7403, -2.6696



Tritanopia

166.7400, 1.1142, 16.0140

Trichromacy



Original Color

168.4750, 16.5278, 18.8774

Protanomaly

166.5650, 19.9345, -0.4955

Deuteranomaly

166.8000, 16.8606, 5.4374

Tritanomaly

167.5320, 6.6397, 17.0734

Monochromacy



Original Color

168.4750, 16.5278, 18.8774

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2380, 5.7987, 6.8073

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4750, 16.5278, 18.8774 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(190, 151, 202)` looks like.

```
.text, #text, p{  
    color:rgb(190, 151, 202)  
}
```

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(190, 151, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 151, 202) }
```

Border

The CSS property to change the border of an element to YUV 168.4750, 16.5278, 18.8774 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(190, 151, 202) }
```


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

```
.border{ border-color:rgb(190, 151, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 151, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 151, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 151, 202);  
box-shadow:4px 4px 4px 4px rgb(190, 151,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 168.4750, 16.5278, 18.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 151, 202) }
```

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

```
.background{ background-color: rgb(190,  
151, 202) }
```

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