

Converting Colors

YUV(168.8650, 1.5456, 17.6584)

Have a look what the booklet for
YUV(168.8650, 1.5456, 17.6584)
contains.

YUV(168.8650, 1.5456, 17.6584)	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(168.8650, 1.5456,
17.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9EAC
RGB	189, 158, 172
RGB Percent	74%, 62%, 67%
CMY	0.2588, 0.3804, 0.3255
CMYK	0.00, 0.16, 0.09, 0.26
HSL	333°, 19%, 68%
HSV	333°, 16%, 74%
XYZ	40.6595, 38.2511, 44.2699
YIQ	168.8650, 13.9820, 10.9260

Conversions

Conversions Part 2

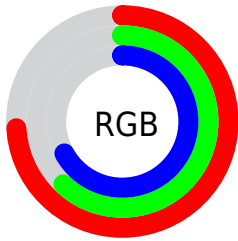
Format	Color
RYB	189, 158, 172
Decimal	12426924
CIELab	68.21, 13.79, -2.98
CIELCh	68, 14.108, 347.790
Yxy	38.2511, 0.3301, 0.3105
Android (android.graphics.Color)	4290617004 (0xFFBD9EAC)
YUV	168.8650, 1.5456, 17.6584
Hunter-Lab	61.8475, 9.1157, 0.8539

Details

The YUV color $168.8650, 1.5456, 17.6584$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $178.1350, -1.5456, -17.6584$, and the grayscale version is $169.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.1640, 1.3981, 18.2732$, and $116.8540, 1.5510, 15.9140$ is the 20% darker color. If you saturate the color by 10%, you get $156.5720, 2.6760, 28.4394$, and if you desaturate by 10%, it is $181.1580, 0.4151, 6.8774$.

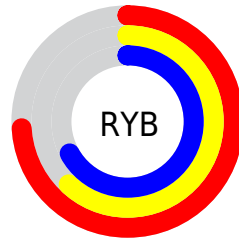
Distribution



Red (74%)

Green (62%)

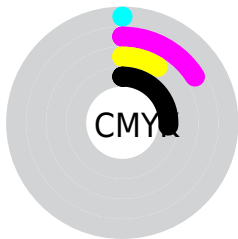
Blue (67%)



Red (74%)

Yellow (62%)

Blue (67%)

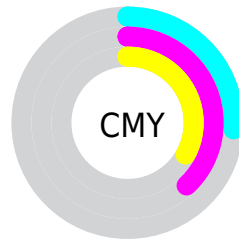


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8650, 1.5456, 17.6584 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 168.8650, 1.5456, 17.6584 by changing the saturation by 10% instead.

 168.8650, 1.5456,
17.6584

 168.8650, 1.5456,
17.6584

255.0000, 0.0000,
0.0000


 142.4520, 1.2562,
17.1436

 224.1640, 1.3981,
18.2732

 116.8540, 1.5510,
15.9140

 246.7820, 4.0515,
7.2072

 91.8540, 1.5510,
15.9140

 68.1420, 1.4090,
14.7845

 45.8430, 1.5564,
14.1697

 24.8320, 1.5618,
12.4253

 4.4850, -2.2111,

9.2217

0.0000, 0.0000,
0.0000

168.8650, 1.5456,
17.6584

168.8650, 1.5456,
17.6584

156.5720, 2.6760,
28.4394

181.1580, 0.4151,
6.8774

144.1650, 3.3697,
39.3203

193.5650, -0.2785,
-4.0035

131.8720, 4.5001,
50.1013

205.8580, -1.4090,
-14.7845

119.5790, 5.6306,
60.8822

218.1510, -2.5394,
-25.5654

107.1720, 6.3242,
71.7632

229.9710, -2.9437,
-35.9316

■ 95.4660, 7.1653,
82.0293

■ 232.8720, 0.5561,
-38.4757

■ 83.0590, 7.8589,
92.9103

■ 234.1260, 5.3609,
-39.5755

■ 70.7660, 8.9894,
103.6912

■ 235.2660, 9.7289,
-40.5753

■ 66.2010, 9.2679,
107.6947

Harmonies

Analogous

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



168.5910, 7.1036, 8.2517



168.8650, 1.5456, 17.6584



168.5790, -4.7224, 21.4172

Triad

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



168.8650, 1.5456, 17.6584



165.0360, -11.3567, 2.5994



162.7180, 10.9850, -23.4317

Complementary

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



168.8650, 1.5456, 17.6584



178.1350, -1.5456, -17.6584

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.



162.0400, 5.8963, -24.5911



168.8650, 1.5456, 17.6584



163.4090, -7.1036, -8.2517

Square

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



168.8650, 1.5456, 17.6584



166.8740, -12.2629, 13.2655



161.9500, -0.9613, -18.3731



164.6310, 12.9999, -16.3394

Rectangle

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



168.8650, 1.5456, 17.6584



167.9550, -8.3588, 21.0875



161.9500, -0.9613, -18.3731



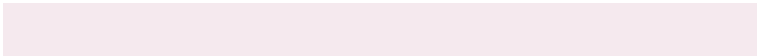
162.2510, 9.2433, -24.7761

Sweetspot

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



168.8650, 1.5456, 17.6584



237.1580, 0.4151, 6.8774



166.6170, 11.0348, 7.3519



117.4350, 0.2785, 4.0035



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.



168.8650, 1.5456, 17.6584



213.1590, 2.3866, 27.9246



167.8560, -4.8590, 18.5433



88.1470, 0.4205, 5.1331



55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Inverse Universe

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



168.8650, 1.5456, 17.6584



213.1590, 2.3866, 27.9246



179.1440, 4.8590, -18.5433



88.1470, 0.4205, 5.1331



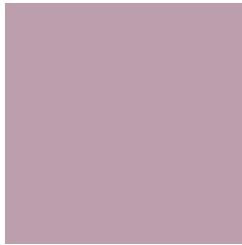
55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 168.8650, 1.5456, 17.6584 looks on a white background.

Color Contrast Check

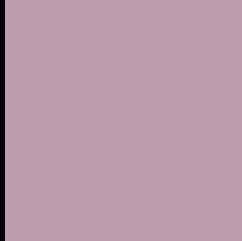
Large Text (above 18pt) WCAG AA × Fail

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 168.8650, 1.5456, 17.6584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

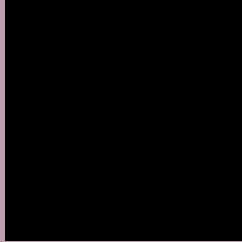
Any Text WCAG AA ✓ Pass

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 168.8650, 1.5456, 17.6584 Background



This preview shows how black text looks on a background with the YUV color 168.8650, 1.5456, 17.6584.



This preview shows how white text looks on a background with the YUV color 168.8650, 1.5456, 17.6584.

17.6584.

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

168.8650, 1.5456, 17.6584

Protanopia

166.5530, 4.6574, -0.4850

Deuteranopia

167.8210, 1.5672, 10.6810



Tritanopia

168.7510, 1.1088, 17.7584

Trichromacy



Original Color

168.8650, 1.5456, 17.6584

Protanomaly

167.0700, 3.9095, 6.0776

Deuteranomaly

168.1310, 1.4144, 13.0401

Tritanomaly

168.7510, 1.1088, 17.7584

Monochromacy



Original Color

168.8650, 1.5456, 17.6584

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8590, 0.5625, 6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8650, 1.5456, 17.6584 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, 158, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 158, 172)  
}
```

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, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 158, 172) }
```

Border

The CSS property to change the border of an element to YUV 168.8650, 1.5456, 17.6584 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, 158, 172) }
```


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

```
.border{ border-color:rgb(189, 158, 172) }
```

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

Here you see how a box with a 4 pixel rgb(189, 158, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 158, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 158, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 158,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 168.8650, 1.5456, 17.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 158, 172) }
```

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

```
.background{ background-color: rgb(189,  
158, 172) }
```

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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