

Converting Colors

YUV(166.3490, 0.8139, 18.9879)

Have a look what the booklet for
YUV(166.3490, 0.8139, 18.9879)
contains.

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Color

**YUV(166.3490, 0.8139,
18.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9BA8
RGB	188, 155, 168
RGB Percent	74%, 61%, 66%
CMY	0.2627, 0.3922, 0.3412
CMYK	0.00, 0.18, 0.11, 0.26
HSL	336°, 20%, 67%
HSV	336°, 18%, 74%
XYZ	39.5283, 36.9612, 42.0966
YIQ	166.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

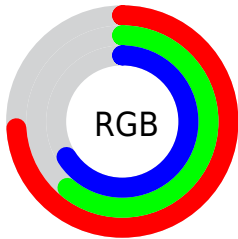
Format	Color
R_{YB}	188, 155, 168
Decimal	12360616
CIE _{Lab}	67.25, 14.39, -2.17
CIE _{LCh}	67, 14.551, 351.428
Yxy	36.9612, 0.3333, 0.3117
Android (android.graphics.Color)	4290550696 (0xFFBC9BA8)
YUV	166.3490, 0.8139, 18.9879
Hunter-Lab	60.7957, 9.6649, 1.5030

Details

The YUV color $166.3490, 0.8139, 18.9879$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $176.6510, -0.8139, -18.9879$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.6480, 0.6665, 19.6027$, and $114.3380, 0.8194, 17.2436$ is the 20% darker color. If you saturate the color by 10%, you get $153.9420, 1.5076, 29.8689$, and if you desaturate by 10%, it is $178.7560, 0.1203, 8.1070$.

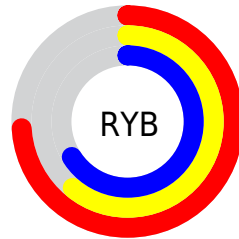
Distribution



Red (74%)

Green (61%)

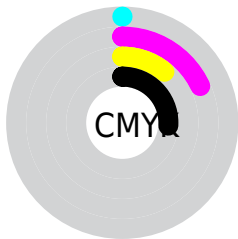
Blue (66%)



Red (74%)

Yellow (61%)

Blue (66%)

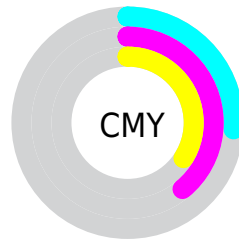


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3490, 0.8139, 18.9879 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 166.3490, 0.8139, 18.9879 by changing the saturation by 10% instead.

 166.3490, 0.8139,
18.9879


 166.3490, 0.8139,
18.9879

255.0000, 0.0000,
0.0000

 140.0500, 0.9614,
18.3732

 221.6480, 0.6665,
19.6027


 114.3380, 0.8194,
17.2436

 244.6790, 3.6093,
9.0515

 89.9250, 0.5300,
16.7288

 65.7400, 1.1142,
16.0140

 44.0280, 0.9722,
14.8844

 22.4300, 1.2670,
13.6549

 2.0930, -1.0318,

4.3034

■ 0.0000, 0.0000,
0.0000

■ 166.3490, 0.8139,
18.9879

■ 166.3490, 0.8139,
18.9879

■ 153.9420, 1.5076,
29.8689

■ 178.7560, 0.1203,
8.1070

■ 141.4210, 1.7644,
40.8498

■ 191.2770, -0.1366,
-2.8739

■ 129.6010, 2.1687,
51.2159

■ 203.0970, -0.5408,
-13.2401

■ 117.0800, 2.4256,
62.1968

■ 215.6180, -0.7977,
-24.2210

■ 104.6730, 3.1192,
73.0778

■ 228.0250, -1.4913,
-35.1019

■ 92.2660, 3.8129,
83.9587

■ 232.8010, 1.5771,
-39.2905

■ 79.7450, 4.0697,
94.9396

■ 234.1690, 6.8187,
-40.4902

■ 67.9250, 4.4740,
105.3058

■ 234.9670, 9.8763,
-41.1901

■ 64.6480, 4.6105,
108.1797

Harmonies

Analogous

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



166.1890, 6.8088, 9.4812



166.3490, 0.8139, 18.9879



166.0630, -5.4541, 22.7467

Triad

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



166.3490, 0.8139, 18.9879



162.3240, -11.4987, 1.4699



159.9460, 11.8586, -23.6316

Complementary

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



166.3490, 0.8139, 18.9879



176.6510, -0.8139, -18.9879

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.



158.9690, 6.9173, -25.4058



166.3490, 0.8139, 18.9879



160.5120, -6.6614, -10.0960

Square

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



166.3490, 0.8139, 18.9879



164.0480, -12.8417, 12.2359



159.1670, -0.0823, -20.3175



162.3430, 13.1419, -15.2098

Rectangle

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



166.3490, 0.8139, 18.9879



165.1400, -8.9430, 21.8022



159.1670, -0.0823, -20.3175



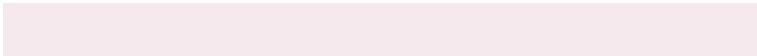
159.5930, 10.5537, -25.0761

Sweetspot

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



166.3490, 0.8139, 18.9879



237.0440, -0.0217, 6.9774



164.7420, 11.4662, 8.9963



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.



166.3490, 0.8139, 18.9879



210.9420, 1.5076, 29.8689



166.6280, -5.7326, 18.7432



88.1470, 0.4205, 5.1331



54.3100, 3.7912, 90.9361



10.6370, 0.6720, 17.8584

Inverse Universe

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



166.3490, 0.8139, 18.9879



210.9420, 1.5076, 29.8689



176.3720, 5.7326, -18.7432



88.1470, 0.4205, 5.1331



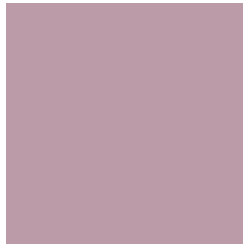
54.3100, 3.7912, 90.9361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 166.3490, 0.8139, 18.9879 looks on a white background.

Color Contrast Check

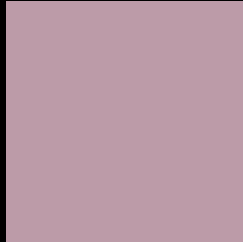
Large Text (above 18pt) WCAG AA × Fail

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 166.3490, 0.8139, 18.9879 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 166.3490, 0.8139, 18.9879

Background



This preview shows how black text looks on a background with the YUV color 166.3490, 0.8139, 18.9879.



This preview shows how white text looks on a background with the YUV color 166.3490, 0.8139,

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

166.3490, 0.8139, 18.9879

Protanopia

164.4390, 4.2206, -0.3850

Deuteranopia

165.5930, 0.6937, 10.8809



Tritanopia

166.2350, 0.3771, 19.0879

Trichromacy



Original Color

166.3490, 0.8139, 18.9879

Protanomaly

165.1410, 2.8885, 6.8923

Deuteranomaly

166.2020, 0.3934, 13.8548

Tritanomaly

166.2350, 0.3771, 19.0879

Monochromacy



Original Color

166.3490, 0.8139, 18.9879

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3490, 0.8139, 18.9879 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(188, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 168)  
}
```

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(188, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 168) }
```

Border

The CSS property to change the border of an element to YUV 166.3490, 0.8139, 18.9879 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(188, 155, 168) }
```


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

```
.border{ border-color:rgb(188, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(188, 155,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 166.3490, 0.8139, 18.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 168) }
```

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

```
.background{ background-color: rgb(188,  
155, 168) }
```

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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