

Converting Colors

YUV(165.3180, 14.6332,
19.8921)

Have a look what the booklet for
YUV(165.3180, 14.6332, 19.8921)
contains.

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Color

**YUV(165.3180, 14.6332,
19.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	BC94C3
RGB	188, 148, 195
RGB Percent	74%, 58%, 76%
CMY	0.2627, 0.4196, 0.2353
CMYK	0.04, 0.24, 0.00, 0.24
HSL	291°, 28%, 67%
HSV	291°, 24%, 76%
XYZ	41.1793, 35.8113, 56.3716
YIQ	165.3180, 8.7530, 23.0970

Conversions

Conversions Part 2

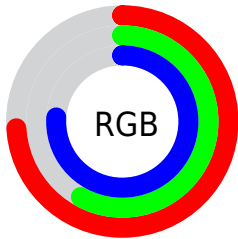
Format	Color
R_{YB}	188, 148, 195
Decimal	12358851
CIE _{Lab}	66.38, 23.27, -18.57
CIE _{LCh}	66, 29.773, 321.418
Yxy	35.8113, 0.3088, 0.2685
Android (android.graphics.Color)	4290548931 (0xFFBC94C3)
YUV	165.3180, 14.6332, 19.8921
Hunter-Lab	59.8425, 18.1062, -13.9614

Details

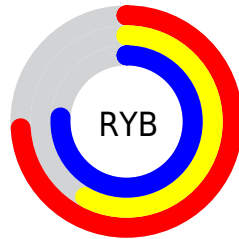
The YUV color $165.3180, 14.6332, 19.8921$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $177.6820, -14.6332, -19.8921$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.5570, 15.5014, 21.4365$, and $113.0790, 13.7651, 18.3477$ is the 20% darker color. If you saturate the color by 10%, you get $153.2680, 20.5739, 27.8290$, and if you desaturate by 10%, it is $177.9550, 8.4032, 11.4405$.

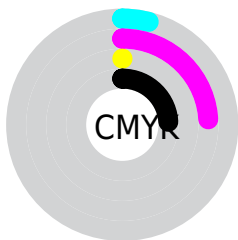
Distribution



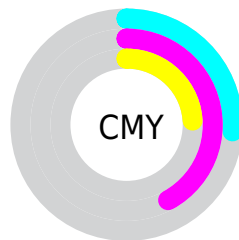
- Red (74%)
- Green (58%)
- Blue (76%)



- Red (74%)
- Yellow (58%)
- Blue (76%)



- Cyan (4%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)





- Cyan (26%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.3180, 14.6332, 19.8921 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 165.3180, 14.6332, 19.8921 by changing the saturation by 10% instead.


 165.3180, 14.6332,
19.8921


 165.3180, 14.6332,
19.8921


255.0000, 0.0000,
0.0000


 138.9050, 14.3438,
19.3773


 220.5570, 15.5014,
21.4365


 113.0790, 13.7651,
18.3477

 240.9120, 6.9454,
12.3552

 88.6660, 13.4757,
17.8329

 64.8400, 12.8969,
16.8033

 42.0140, 12.3181,
15.7737

 19.1280, 12.7549,
15.6737

 4.5300, 9.5987,

1.2892

■ 0.0000, 0.0000,
0.0000

■ 165.3180, 14.6332,
19.8921

■ 165.3180, 14.6332,
19.8921

■ 153.2680, 20.5739,
27.8290

■ 177.9550, 8.4032,
11.4405

■ 140.6310, 26.8039,
36.2806

■ 190.0050, 2.4625,
3.5036

■ 128.5810, 32.7446,
44.2175

■ 202.6420, -3.7675,
-4.9480

■ 115.9440, 38.9746,
52.6691

■ 214.6920, -9.7082,
-12.8849

■ 103.8940, 44.9153,
60.6060

■ 227.3290,
-15.9382, -21.3365

■ 91.5560, 50.9979,
69.6724

■ 233.2100,
-18.8375, -24.7402

■ 79.5060, 56.9385,
77.6092

■ 234.1070,
-19.2798, -22.8958

■ 71.8640, 60.7060,
82.5573

■ 235.0040,
-19.7220, -21.0515

■ 235.9010,
-20.1642, -19.2072

Harmonies

Analogous

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



162.2590, 24.0293, -7.2431



165.3180, 14.6332, 19.8921



165.2250, 2.3541, 38.3907

Triad

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



165.3180, 14.6332, 19.8921



160.4980, -25.3885, 23.2423



146.2570, 16.6353, -62.4924

Complementary

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



165.3180, 14.6332, 19.8921



177.6820, -14.6332, -19.8921

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.



150.2410, 0.8672, -44.9384



165.3180, 14.6332, 19.8921



157.9360, -23.1394, 1.8101

Square

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



165.3180, 14.6332, 19.8921



162.5630, -20.4906, 38.9712



154.3120, -13.4648, -21.3216



148.7980, 26.2286, -59.4588

Rectangle

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



165.3180, 14.6332, 19.8921



164.3800, -6.1033, 44.3937



154.3120, -13.4648, -21.3216



147.0250, 11.8197, -57.9039

Sweetspot

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



165.3180, 14.6332, 19.8921



241.4230, 5.2145, 7.5220



157.4670, 18.5038, -8.3026



120.9450, 3.4781, 4.4332



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.



165.3180, 14.6332, 19.8921



206.1590, 22.5996, 31.4326



165.5870, 6.6126, 25.7952



90.5320, 3.1887, 3.9184



59.3170, 50.1297, 68.1280



12.1340, 10.2869, 13.9145

Inverse Universe

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



162.8510, -3.8705, 28.1947



202.0810, -5.9559, 43.7790



177.4130, -6.6126, -25.7952



90.2180, -0.6005, 5.9478



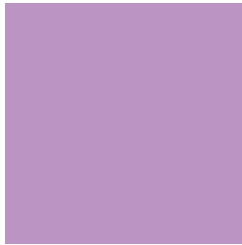
50.8750, -13.2494, 96.5796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 165.3180, 14.6332, 19.8921 looks on a white background.

Color Contrast Check

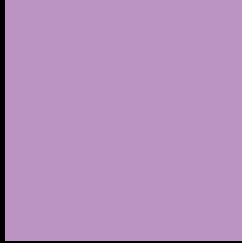
Large Text (above 18pt) WCAG AA × Fail

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 165.3180, 14.6332, 19.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

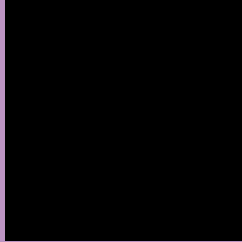
Any Text WCAG AA ✓ Pass

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 165.3180, 14.6332, 19.8921 Background



This preview shows how black text looks on a background with the YUV color 165.3180, 14.6332, 19.8921.



This preview shows how white text looks on a background with the YUV color 165.3180, 14.6332,

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

165.3180, 14.6332, 19.8921

Protanopia

162.2110, 20.1090, -9.8320

Deuteranopia

163.1860, 14.6983, -1.0401



Tritanopia

163.6370, 0.6720, 17.8584

Trichromacy



Original Color

165.3180, 14.6332, 19.8921

Protanomaly

163.4080, 18.0399, 0.5192

Deuteranomaly

163.6430, 14.9660, 6.4521

Tritanomaly

164.0160, 5.9081, 18.4030

Monochromacy



Original Color

165.3180, 14.6332, 19.8921

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1240, 5.3619, 6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3180, 14.6332, 19.8921 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, 148, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 148, 195)  
}
```

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, 148, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 148, 195) }
```

Border

The CSS property to change the border of an element to YUV 165.3180, 14.6332, 19.8921 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, 148, 195) }
```


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

```
.border{ border-color:rgb(188, 148, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 148, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 148, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 148, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 148,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 165.3180, 14.6332, 19.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 148, 195) }
```

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

```
.background{ background-color: rgb(188,  
148, 195) }
```

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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