

Converting Colors

YUV(165.3560, 33.8415,
18.9818)

Have a look what the booklet for
YUV(165.3560, 33.8415, 18.9818)
contains.

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Color

**YUV(165.3560, 33.8415,
18.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8DEA
RGB	187, 141, 234
RGB Percent	73%, 55%, 92%
CMY	0.2667, 0.4471, 0.0824
CMYK	0.20, 0.40, 0.00, 0.08
HSL	270°, 69%, 74%
HSV	270°, 40%, 92%
XYZ	44.8697, 35.5551, 82.3398
YIQ	165.3560, -2.4370, 38.6750

Conversions

Conversions Part 2

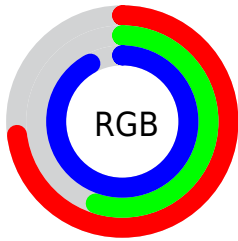
Format	Color
RYB	187, 141, 234
Decimal	12291562
CIELab	66.18, 35.10, -40.53
CIELCh	66, 53.615, 310.899
Yxy	35.5551, 0.2757, 0.2184
Android (android.graphics.Color)	4290481642 (0xFFBB8DEA)
YUV	165.3560, 33.8415, 18.9818
Hunter-Lab	59.6281, 29.9708, -40.1333

Details

The YUV color **165.3560, 33.8415, 18.9818** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **209.6440, -33.8415, -18.9818**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.4910, 18.9849, 24.1254**, and **112.5900, 32.2471, 17.0226** is the 20% darker color. If you saturate the color by 10%, you get **148.2670, 42.2664, 23.4448**, and if you desaturate by 10%, it is **182.4450, 25.4166, 14.5187**.

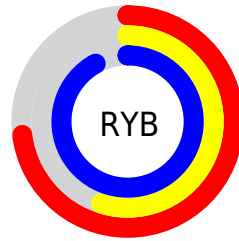
Distribution



Red (73%)

Green (55%)

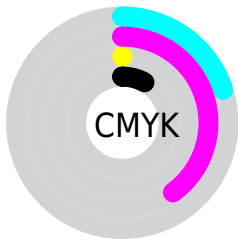
Blue (92%)



Red (73%)

Yellow (55%)

Blue (92%)

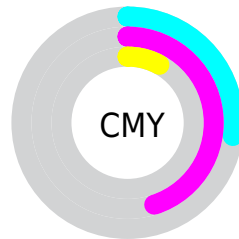


Cyan (20%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (27%)


Magenta (45%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.3560, 33.8415, 18.9818 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 165.3560, 33.8415, 18.9818 by changing the saturation by 10% instead.

 165.3560, 33.8415,
18.9818

 165.3560, 33.8415,
18.9818


255.0000, 0.0000,
0.0000


 138.5300, 33.2627,
17.9522


 216.4910, 18.9849,
24.1254


 112.5900, 32.2471,
17.0226


 236.2160, 9.2605,
16.4736

 87.3510, 31.3790,
15.4782

 253.2390, 0.8682,
1.5444

 62.5250, 30.8002,
14.4486

 38.5850, 29.7846,
13.5190

 16.9220, 28.6325,
9.7154

 5.9280, 22.7135,

-5.1989

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 165.3560, 33.8415,
18.9818

■ 165.3560, 33.8415,
18.9818

■ 148.2670, 42.2664,
23.4448

■ 182.4450, 25.4166,
14.5187

■ 130.5910, 50.9806,
28.4227

■ 200.1210, 16.7023,
9.5409

■ 113.8010, 59.2581,
33.5005

■ 216.9110, 8.4249,
4.4631

■ 96.1250, 67.9724,
38.4784

■ 234.5870, -0.2894,
-0.5148

■ 79.0360, 76.3973,
42.9414

■ 249.9150, -7.8461,
-3.4335

■ 61.9470, 84.8221,
47.4045

■ 252.6060, -9.1728,
2.0995

■ 61.3600, 85.1115,
47.9193

Harmonies

Analogous

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



154.9830, 49.3084, -42.0811



165.3560, 33.8415, 18.9818



164.5710, 14.5085, 60.0122

Triad

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



165.3560, 33.8415, 18.9818



157.7280, -44.2359, 48.4735



128.8870, 24.2127, -113.0339

Complementary

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



165.3560, 33.8415, 18.9818



209.6440, -33.8415, -18.9818

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.



130.9830, -1.4706, -88.5621



165.3560, 33.8415, 18.9818



154.3510, -46.0220, 14.6012

Square

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



165.3560, 33.8415, 18.9818



159.4810, -29.3241, 72.3692



148.5830, -31.3464, -25.9443



132.8430, 44.4474, -116.5033

Rectangle

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



165.3560, 33.8415, 18.9818



162.3590, -0.6700, 75.1072



148.5830, -31.3464, -25.9443



126.9490, 16.7871, -111.3343

Sweetspot

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



165.3560, 33.8415, 18.9818



232.3180, 11.1822, 6.7371



179.7780, 26.7314, -34.0083



114.4440, 6.6831, 3.1186



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.



165.3560, 33.8415, 18.9818



164.8480, 44.4449, 24.6893



178.8110, 27.2082, 46.6468



108.7490, 4.0677, 1.9741



47.5440, 65.7938, 37.2339



13.9300, 19.7545, 10.5854

Inverse Universe

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



174.1650, 6.8207, 52.4753



176.4320, 8.6610, 68.9041



196.1890, -27.2082, -46.6468



109.8590, 0.5625, 6.2627



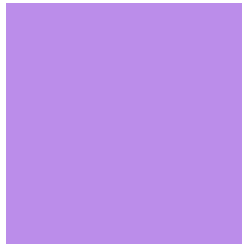
64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 165.3560, 33.8415, 18.9818 looks on a white background.

Color Contrast Check

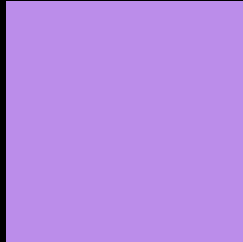
Large Text (above 18pt) WCAG AA × Fail

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 165.3560, 33.8415, 18.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

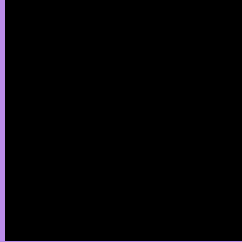
Any Text WCAG AA ✓ Pass

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 165.3560, 33.8415, 18.9818 Background



This preview shows how black text looks on a background with the YUV color 165.3560, 33.8415, 18.9818.



This preview shows how white text looks on a background with the YUV color 165.3560, 33.8415,

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

165.3560, 33.8415, 18.9818

Protanopia

159.2900, 43.7340, -27.4413

Deuteranopia

160.5050, 34.2610, -22.3679



Tritanopia

162.6470, 2.1460, 11.7106

Trichromacy



Original Color

165.3560, 33.8415, 18.9818



Protanomaly

161.4770, 40.1908, -10.9423



Deuteranomaly

162.1910, 33.9228, -7.1835



Tritanomaly

163.6440, 13.4865, 14.3442

Monochromacy



Original Color

165.3560, 33.8415, 18.9818



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.9590, 12.3452, 7.0520

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3560, 33.8415, 18.9818 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(187, 141, 234)` looks like.

```
.text, #text, p{  
    color:rgb(187, 141, 234)  
}
```

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(187, 141, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 141, 234) }
```

Border

The CSS property to change the border of an element to YUV 165.3560, 33.8415, 18.9818 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(187, 141, 234) }
```


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

```
.border{ border-color:rgb(187, 141, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 141, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 141, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 141, 234); box-shadow:4px 4px 4px 4px rgb(187, 141, 234) }
```

Background

The CSS property to change the background color of an element to YUV 165.3560, 33.8415, 18.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 141, 234) }
```

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

```
.background{ background-color: rgb(187,  
141, 234) }
```

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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