

Converting Colors

YUV(165.1970, 18.1439,
13.8592)

Have a look what the booklet for
YUV(165.1970, 18.1439, 13.8592)
contains.

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Color

**YUV(165.1970, 18.1439,
13.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	B596CA
RGB	181, 150, 202
RGB Percent	71%, 59%, 79%
CMY	0.2902, 0.4118, 0.2078
CMYK	0.10, 0.26, 0.00, 0.21
HSL	276°, 33%, 69%
HSV	276°, 26%, 79%
XYZ	40.6231, 35.9007, 60.6656
YIQ	165.1970, 1.7840, 22.7440

Conversions

Conversions Part 2

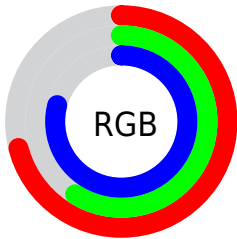
Format	Color
R_{YB}	181, 150, 202
Decimal	11900618
CIE _{Lab}	66.44, 21.27, -22.43
CIE _{LCh}	66, 30.908, 313.479
Yxy	35.9007, 0.2961, 0.2617
Android (android.graphics.Color)	4290090698 (0xFFB596CA)
YUV	165.1970, 18.1439, 13.8592
Hunter-Lab	59.9172, 16.1655, -18.0885

Details

The YUV color $165.1970, 18.1439, 13.8592$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $186.8030, -18.1439, -13.8592$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.6810, 17.4123, 15.1888$, and $113.2570, 17.1283, 12.9296$ is the 20% darker color. If you saturate the color by 10%, you get $151.0650, 25.1110, 19.2370$, and if you desaturate by 10%, it is $179.3290, 11.1768, 8.4815$.

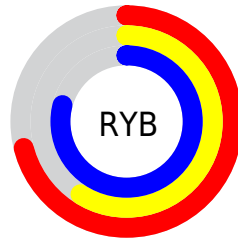
Distribution



Red (71%)

Green (59%)

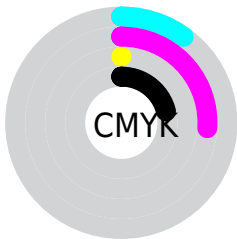
Blue (79%)



Red (71%)

Yellow (59%)

Blue (79%)

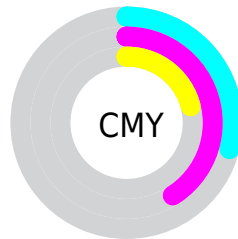


Cyan (10%)

Magenta (26%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (41%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1970, 18.1439, 13.8592 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 165.1970, 18.1439, 13.8592 by changing the saturation by 10% instead.

■ 165.1970, 18.1439,
13.8592

■ 165.1970, 18.1439,
13.8592

255.0000, 0.0000,
0.0000

■ 138.7840, 17.8545,
13.3444

■ 219.6810, 17.4123,
15.1888

■ 113.2570, 17.1283,
12.9296

■ 242.0860, 6.3666,
11.3256

■ 88.4310, 16.5495,
11.9000

■ 64.9040, 15.8233,
11.4852

■ 42.0780, 15.2445,
10.4556

■ 19.6650, 14.9552,
9.9408

■ 3.3060, 12.6671,

-2.8994

0.0000, 0.0000,
0.0000

165.1970, 18.1439,
13.8592

165.1970, 18.1439,
13.8592

151.0650, 25.1110,
19.2370

179.3290, 11.1768,
8.4815

136.9330, 32.0780,
24.6148

193.4610, 4.2097,
3.1037

122.2140, 39.3345,
30.5073

208.1800, -3.0467,
-2.7889

107.7830, 46.4490,
35.2703

222.6110,
-10.1612, -7.5518

93.6510, 53.4161,
40.6481

236.7430,
-17.1283, -12.9296

79.5190, 60.3831,
46.0258

241.4830,
-19.4651, -10.0706

65.3870, 67.3502,
51.4036

243.8750,
-20.6444, -5.1524

58.9080, 70.5444,
53.5777

246.2670,
-21.8236, -0.2342

248.6590,
-23.0029, 4.6841

Harmonies

Analogous

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



161.1870, 26.5298, -15.9500



165.1970, 18.1439, 13.8592



165.5390, 6.1433, 36.3613

Triad

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



165.1970, 18.1439, 13.8592



161.4170, -25.8416, 28.5753



146.1600, 13.7251, -62.4073

Complementary

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



165.1970, 18.1439, 13.8592



186.8030, -18.1439, -13.8592

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.



150.9380, -2.9274, -41.1646



165.1970, 18.1439, 13.8592



158.6980, -25.4871, 8.1579

Square

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



165.1970, 18.1439, 13.8592



163.3400, -18.9016, 42.6748



155.0200, -17.2649, -15.8035



146.3410, 25.9609, -66.9511

Rectangle

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



165.1970, 18.1439, 13.8592



165.1780, -3.0458, 43.6939



155.0200, -17.2649, -15.8035



147.4120, 8.1779, -56.4893

Sweetspot

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



165.1970, 18.1439, 13.8592



240.8680, 6.9671, 5.3778



168.8420, 16.3469, -16.5244



118.5750, 4.6465, 3.0037



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.



165.1970, 18.1439, 13.8592



199.0590, 27.5789, 20.9963



171.0200, 13.3011, 27.1695



94.9340, 3.4835, 2.6889



48.5250, 57.9152, 44.2666



11.2090, 13.2080, 10.3407

Inverse Universe

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



167.9420, 1.5076, 29.8689



203.2690, 2.3324, 45.3681



180.9800, -13.3011, -27.1695



95.4460, 0.2731, 5.7479



57.2720, 4.7959, 95.3545



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 165.1970, 18.1439, 13.8592 looks on a white background.

Color Contrast Check

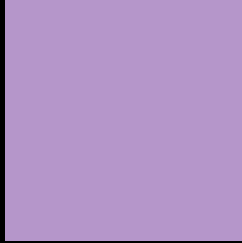
Large Text (above 18pt) WCAG AA × Fail

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 165.1970, 18.1439, 13.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

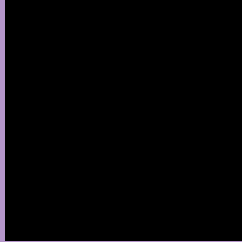
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.1970, 18.1439, 13.8592

Background



This preview shows how black text looks on a background with the YUV color 165.1970, 18.1439, 13.8592.



This preview shows how white text looks on a background with the YUV color 165.1970, 18.1439,

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

165.1970, 18.1439, 13.8592

Protanopia

162.2970, 23.0246, -11.6615

Deuteranopia

162.7880, 18.3455, -4.1991



Tritanopia

163.3480, 2.2934, 11.0958

Trichromacy



Original Color

165.1970, 18.1439, 13.8592

Protanomaly

163.1950, 21.1029, -1.9250

Deuteranomaly

163.5330, 18.4712, 2.1636

Tritanomaly

164.1400, 7.8190, 12.1552

Monochromacy



Original Color

165.1970, 18.1439, 13.8592

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3410, 6.2409, 4.9629

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1970, 18.1439, 13.8592 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(181, 150, 202)` looks like.

```
.text, #text, p{  
    color:rgb(181, 150, 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(181, 150, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 150, 202) }
```

Border

The CSS property to change the border of an element to YUV 165.1970, 18.1439, 13.8592 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(181, 150, 202) }
```


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

```
.border{ border-color:rgb(181, 150, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 150, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 150, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 150, 202);  
box-shadow:4px 4px 4px 4px rgb(181, 150,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 165.1970, 18.1439, 13.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 150, 202) }
```

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

```
.background{ background-color: rgb(181,  
150, 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](#).

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