

Converting Colors

YUV(169.9320, 33.5575,
16.7226)

Have a look what the booklet for
YUV(169.9320, 33.5575, 16.7226)
contains.

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Color

**YUV(169.9320, 33.5575,
16.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	BD93EE
RGB	189, 147, 238
RGB Percent	74%, 58%, 93%
CMY	0.2588, 0.4235, 0.0667
CMYK	0.21, 0.38, 0.00, 0.07
HSL	268°, 73%, 75%
HSV	268°, 38%, 93%
XYZ	46.8526, 37.8593, 85.7271
YIQ	169.9320, -4.1790, 37.2050

Conversions

Conversions Part 2

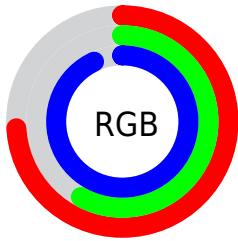
Format	Color
RYB	189, 147, 238
Decimal	12424174
CIELab	67.92, 33.26, -39.99
CIELCh	68, 52.019, 309.751
Yxy	37.8593, 0.2749, 0.2221
Android (android.graphics.Color)	4290614254 (0xFFBD93EE)
YUV	169.9320, 33.5575, 16.7226
Hunter-Lab	61.5299, 28.2434, -39.5354

Details

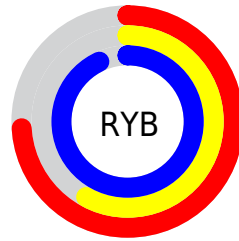
The YUV color **169.9320, 33.5575, 16.7226** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **215.0680, -33.5575, -16.7226**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6110, 16.9538, 22.2662**, and **117.1660, 31.9632, 14.7634** is the 20% darker color. If you saturate the color by 10%, you get **151.9570, 42.4192, 21.0857**, and if you desaturate by 10%, it is **187.9070, 24.6958, 12.3596**.

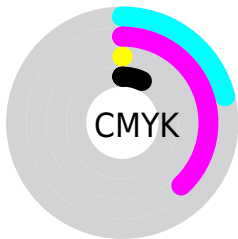
Distribution



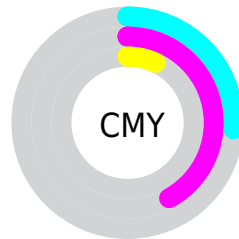
- Red (74%)
- Green (58%)
- Blue (93%)



- Red (74%)
- Yellow (58%)
- Blue (93%)



- Cyan (21%)
- Magenta (38%)
- Yellow (0%)
- Black (7%)





- Cyan (26%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.9320, 33.5575, 16.7226 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 169.9320, 33.5575, 16.7226 by changing the saturation by 10% instead.


 169.9320, 33.5575,
16.7226

 169.9320, 33.5575,
16.7226


255.0000, 0.0000,
0.0000


 142.9920, 32.5419,
15.7930


 220.6110, 16.9538,
22.2662


 117.1660, 31.9632,
14.7634

 240.3250, 7.2348,
12.8700

 91.3400, 31.3844,
13.7338

 66.9870, 30.0794,
12.2894

 43.1610, 29.5006,
11.2598

 19.3240, 28.9273,
8.4859

 7.7650, 23.2869,

-2.4249

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 169.9320, 33.5575,
16.7226

■ 169.9320, 33.5575,
16.7226

■ 151.9570, 42.4192,
21.0857

■ 187.9070, 24.6958,
12.3596

■ 133.9820, 51.2809,
25.4488

■ 205.8820, 15.8342,
7.9965

■ 116.8930, 59.7058,
29.9118

■ 222.9710, 7.4093,
3.5334

■ 98.9180, 68.5674,
34.2749

■ 240.9460, -1.4524,
-0.8296

■ 80.9430, 77.4291,
38.6380

■ 252.4640, -7.1308,
0.4701

■ 62.9680, 86.2908,
43.0011

■ 253.0620, -7.4256,
1.6996

■ 60.0220, 87.7432,
43.8307

Harmonies

Analogous

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



159.4130, 47.1244, -41.5812



169.9320, 33.5575, 16.7226



169.2610, 14.6613, 57.6531

Triad

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



169.9320, 33.5575, 16.7226



163.3690, -43.0729, 48.7884



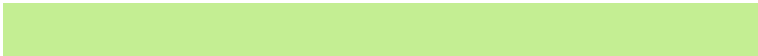
131.4630, 23.9287, -115.2931

Complementary

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



169.9320, 33.5575, 16.7226



215.0680, -33.5575, -16.7226

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.



140.5500, -4.7081, -76.7813



169.9320, 33.5575, 16.7226



159.7040, -44.7171, 16.0456

Square

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



169.9320, 33.5575, 16.7226



165.1110, -28.1557, 70.9397



153.8930, -31.4992, -23.5852



135.3050, 43.7266, -118.6625

Rectangle

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



169.9320, 33.5575, 16.7226



167.2770, 0.3564, 72.5481



153.8930, -31.4992, -23.5852



129.6390, 16.9400, -113.6934

Sweetspot

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



169.9320, 33.5575, 16.7226



234.0790, 10.3141, 5.1927



186.7240, 25.2791, -34.8379



115.3300, 6.2463, 3.2186



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.



169.9320, 33.5575, 16.7226



167.4840, 43.1454, 21.5005



183.0880, 27.0716, 43.7728



110.8630, 4.5045, 1.8741



46.3910, 67.8412, 33.8601



14.1580, 20.6281, 10.3854

Inverse Universe

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



179.7950, 7.9891, 51.0458



180.1650, 10.2717, 65.6303



201.9120, -27.0716, -43.7728



112.2720, 0.8519, 6.7775



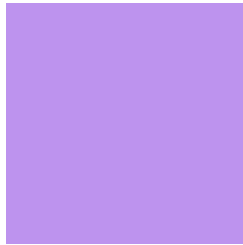
66.3020, 16.1201, 103.2211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 169.9320, 33.5575, 16.7226 looks on a white background.

Color Contrast Check

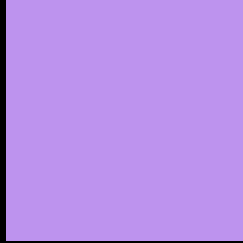
Large Text (above 18pt) WCAG AA × Fail

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 169.9320, 33.5575, 16.7226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

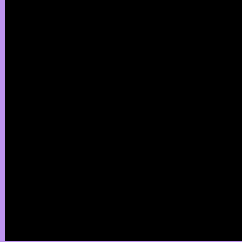
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.9320, 33.5575, 16.7226

Background



This preview shows how black text looks on a background with the YUV color 169.9320, 33.5575, 16.7226.



This preview shows how white text looks on a background with the YUV color 169.9320, 33.5575,

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

169.9320, 33.5575, 16.7226

Protanopia

164.6600, 42.5656, -26.0118

Deuteranopia

164.9180, 34.5504, -21.8531



Tritanopia

167.4510, 2.7357, 9.2515

Trichromacy



Original Color

169.9320, 33.5575, 16.7226

Protanomaly

166.5480, 39.1698, -10.1276

Deuteranomaly

166.8920, 34.0702, -7.7983

Tritanomaly

168.4480, 14.0761, 11.8851

Monochromacy



Original Color

169.9320, 33.5575, 16.7226

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2470, 12.2032, 5.9224

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9320, 33.5575, 16.7226 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, 147, 238)` looks like.

```
.text, #text, p{  
    color:rgb(189, 147, 238)  
}
```

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, 147, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 147, 238) }
```

Border

The CSS property to change the border of an element to YUV 169.9320, 33.5575, 16.7226 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, 147, 238) }
```


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

```
.border{ border-color:rgb(189, 147, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 147, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 147, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 147, 238);  
box-shadow:4px 4px 4px 4px rgb(189, 147,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 169.9320, 33.5575, 16.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 147, 238) }
```

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

```
.background{ background-color: rgb(189,  
147, 238) }
```

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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