

Converting Colors

YUV(169.3280, 16.1073,
13.7443)

Have a look what the booklet for
YUV(169.3280, 16.1073, 13.7443)
contains.

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Color

**YUV(169.3280, 16.1073,
13.7443)**

Conversions

Conversions Part 1

Format	Color
Hex	B99BCA
RGB	185, 155, 202
RGB Percent	73%, 61%, 79%
CMY	0.2745, 0.3922, 0.2078
CMYK	0.08, 0.23, 0.00, 0.21
HSL	278°, 31%, 70%
HSV	278°, 23%, 79%
XYZ	42.3896, 38.0212, 60.9818
YIQ	169.3280, 2.7930, 20.9770

Conversions

Conversions Part 2

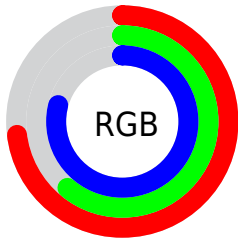
Format	Color
R_{YB}	185, 155, 202
Decimal	12164042
CIE _{Lab}	68.04, 19.79, -19.97
CIE _{LCh}	68, 28.111, 314.739
Yxy	38.0212, 0.2998, 0.2689
Android (android.graphics.Color)	4290354122 (0xFFB99BCA)
YUV	169.3280, 16.1073, 13.7443
Hunter-Lab	61.6614, 14.8038, -15.4736

Details

The YUV color $169.3280, 16.1073, 13.7443$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $187.6720, -16.1073, -13.7443$, and the grayscale version is $169.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.3990, 15.0863, 14.5591$, and $117.0890, 15.2391, 12.1999$ is the 20% darker color. If you saturate the color by 10%, you get $155.4950, 22.9270, 19.7369$, and if you desaturate by 10%, it is $183.1610, 9.2876, 7.7518$.

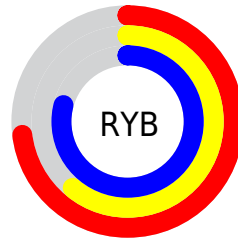
Distribution



Red (73%)

Green (61%)

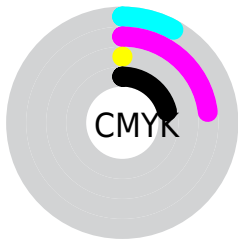
Blue (79%)



Red (73%)

Yellow (61%)

Blue (79%)

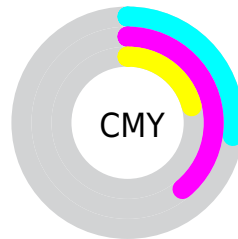


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.3280, 16.1073, 13.7443 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 169.3280, 16.1073, 13.7443 by changing the saturation by 10% instead.

■ 169.3280, 16.1073,
13.7443

■ 169.3280, 16.1073,
13.7443

255.0000, 0.0000,
0.0000

■ 142.9150, 15.8179,
13.2295

■ 224.3990, 15.0863,
14.5591

■ 117.0890, 15.2391,
12.1999

■ 245.0210, 4.9196,
8.7516

■ 91.9750, 14.8023,
12.2999

■ 68.1490, 14.2235,
11.2703

■ 45.6220, 13.4974,
10.8555

■ 23.7960, 12.9186,
9.8259

■ 6.2960, 11.1931,

3.2484

■ 0.0000, 0.0000,
0.0000

■ 169.3280, 16.1073,
13.7443

■ 169.3280, 16.1073,
13.7443

■ 155.4950, 22.9270,
19.7369

■ 183.1610, 9.2876,
7.7518

■ 141.3630, 29.8940,
25.1146

■ 197.2930, 2.3206,
2.3740

■ 126.9430, 37.0031,
31.6220

■ 211.7130, -4.7885,
-4.1333

■ 113.1100, 43.8228,
37.6145

■ 225.5460,
-11.6082, -10.1258

■ 98.9780, 50.7898,
42.9923

■ 239.0910,
-18.2859, -14.9888

85.1450, 57.6095,
48.9848

241.1840,
-19.3177, -10.6854

71.3120, 64.4292,
54.9774

243.2770,
-20.3496, -6.3819

61.5990, 69.2177,
59.1107

245.3700,
-21.3814, -2.0785

247.7620,
-22.5607, 2.8397

Harmonies

Analogous

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



165.9270, 24.1930, -13.0910



169.3280, 16.1073, 13.7443



169.5880, 5.1331, 33.6873

Triad

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



169.3280, 16.1073, 13.7443



165.8620, -24.0890, 26.4310



153.1610, 12.2456, -54.5152

Complementary

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



169.3280, 16.1073, 13.7443



187.6720, -16.1073, -13.7443

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.



156.1880, -2.0647, -37.8759



169.3280, 16.1073, 13.7443



162.9690, -23.1557, 7.0432

Square

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



169.3280, 16.1073, 13.7443



167.5460, -18.0172, 38.9862



160.1880, -15.3757, -15.0739



154.0110, 23.1656, -57.0146

Rectangle

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



169.3280, 16.1073, 13.7443



169.4550, -3.1823, 40.8200



160.1880, -15.3757, -15.0739



153.9290, 7.4300, -49.9267

Sweetspot

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



169.3280, 16.1073, 13.7443



242.6400, 6.0935, 5.5777



170.3370, 15.6099, -13.4505



120.3470, 3.7729, 3.2037



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.



169.3280, 16.1073, 13.7443



205.5490, 24.3793, 20.5665



173.7270, 10.9806, 24.7954



94.9340, 3.4835, 2.6889



50.6180, 56.8833, 48.5700



11.5080, 13.0606, 10.9555

Inverse Universe

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



170.9910, 0.4974, 27.1949



208.0790, 0.4541, 41.1497



183.2730, -10.9806, -24.7954



95.3320, -0.1637, 5.8478



56.4740, 1.7383, 96.0543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 169.3280, 16.1073, 13.7443 looks on a white background.

Color Contrast Check

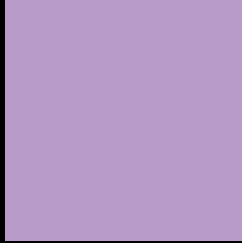
Large Text (above 18pt) WCAG AA × Fail

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 169.3280, 16.1073, 13.7443 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 169.3280, 16.1073, 13.7443

Background



This preview shows how black text looks on a background with the YUV color 169.3280, 16.1073, 13.7443.



This preview shows how white text looks on a background with the YUV color 169.3280, 16.1073,

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

169.3280, 16.1073, 13.7443

Protanopia

166.3250, 20.5458, -9.9320

Deuteranopia

167.3430, 16.5929, -2.0548



Tritanopia

167.4620, 2.7302, 10.9958

Trichromacy



Original Color

169.3280, 16.1073, 13.7443

Protanomaly

167.6250, 18.9189, -1.4251

Deuteranomaly

167.6750, 16.4292, 3.7930

Tritanomaly

168.1400, 7.8190, 12.1552

Monochromacy



Original Color

169.3280, 16.1073, 13.7443

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2270, 5.8041, 5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3280, 16.1073, 13.7443 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(185, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(185, 155, 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(185, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 202) }
```

Border

The CSS property to change the border of an element to YUV 169.3280, 16.1073, 13.7443 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(185, 155, 202) }
```


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

```
.border{ border-color:rgb(185, 155, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(185, 155,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 169.3280, 16.1073, 13.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 155, 202) }
```

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

```
.background{ background-color: rgb(185,  
155, 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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