

Converting Colors

YUV(180.6330, 13.4919,
12.5999)

Have a look what the booklet for
YUV(180.6330, 13.4919, 12.5999)
contains.

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Color

**YUV(180.6330, 13.4919,
12.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A8D0
RGB	195, 168, 208
RGB Percent	76%, 66%, 82%
CMY	0.2353, 0.3412, 0.1843
CMYK	0.06, 0.19, 0.00, 0.18
HSL	280°, 30%, 74%
HSV	280°, 19%, 82%
XYZ	47.8935, 44.1614, 65.6743
YIQ	180.6330, 3.2520, 18.1640

Conversions

Conversions Part 2

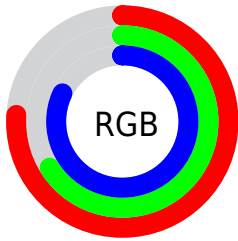
Format	Color
RYB	195, 168, 208
Decimal	12822736
CIELab	72.34, 17.12, -16.68
CIELCh	72, 23.900, 315.744
Yxy	44.1614, 0.3036, 0.2800
Android (android.graphics.Color)	4291012816 (0xFFC3A8D0)
YUV	180.6330, 13.4919, 12.5999
Hunter-Lab	66.4541, 12.3504, -12.0764

Details

The YUV color **180.6330, 13.4919, 12.5999** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.3670, -13.4919, -12.5999**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3190, 9.7027, 14.6292**, and **127.8070, 12.9131, 11.5703** is the 20% darker color. If you saturate the color by 10%, you get **166.2130, 20.6010, 19.1072**, and if you desaturate by 10%, it is **195.0530, 6.3829, 6.0925**.

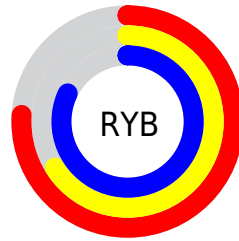
Distribution



Red (76%)

Green (66%)

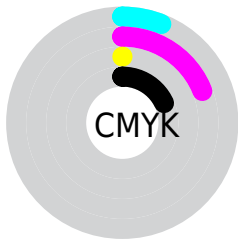
Blue (82%)



Red (76%)

Yellow (66%)

Blue (82%)

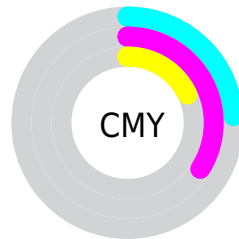


Cyan (6%)

Magenta (19%)

Yellow (0%)

Black (18%)



Cyan (24%)


Magenta (34%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.6330, 13.4919, 12.5999 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 180.6330, 13.4919, 12.5999 by changing the saturation by 10% instead.

 180.6330, 13.4919,
12.5999

 180.6330, 13.4919,
12.5999


255.0000, 0.0000,
0.0000


 154.1060, 12.7657,
12.1850


 235.3190, 9.7027,
14.6292


 127.8070, 12.9131,
11.5703

 253.2390, 0.8682,
1.5444

 102.3940, 12.6238,
11.0555

 77.8670, 11.8976,
10.6406

 55.3400, 11.1714,
10.2258

 33.5140, 10.5926,
9.1962

 11.3510, 11.1660,

11.9702

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 180.6330, 13.4919,
12.5999

■ 180.6330, 13.4919,
12.5999

■ 166.2130, 20.6010,
19.1072

■ 195.0530, 6.3829,
6.0925

■ 151.7930, 27.7101,
25.6145

■ 209.4730, -0.7262,
-0.4148

■ 138.2590, 34.3823,
32.2219

■ 223.0070, -7.3985,
-7.0221

■ 123.8390, 41.4914,
38.7292

■ 237.4270,
-14.5075, -13.5295

109.4190, 48.6004,
45.2365

241.8680,
-16.6969, -11.2852

94.9990, 55.7095,
51.7439

243.9610,
-17.7288, -6.9818

80.8780, 62.6711,
58.8660

245.7550,
-18.6132, -3.2931

67.0450, 69.4908,
64.8585

247.8480,
-19.6451, 1.0103

65.5720, 70.2170,
65.2734

249.6420,
-20.5295, 4.6990

Harmonies

Analogous

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



177.6240, 20.3984, -9.3172



180.6330, 13.4919, 12.5999



181.5120, 3.6916, 29.3690

Triad

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



180.6330, 13.4919, 12.5999



177.0510, -20.7311, 22.7573



167.9450, 9.8871, -44.6788

Complementary

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



180.6330, 13.4919, 12.5999



195.3670, -13.4919, -12.5999

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.



169.6340, -1.7916, -32.1280



180.6330, 13.4919, 12.5999



175.4680, -19.9507, 5.7286

Square

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



180.6330, 13.4919, 12.5999



179.3820, -15.9643, 33.8680



172.7690, -13.1971, -13.8294



169.3500, 19.0545, -45.0339

Rectangle

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



180.6330, 13.4919, 12.5999



181.0090, -3.4554, 35.0721



172.7690, -13.1971, -13.8294



168.3430, 6.2399, -41.5198

Sweetspot

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



180.6330, 13.4919, 12.5999



244.7000, 5.0779, 4.6481



180.1910, 13.7098, -10.6915



121.8200, 3.0467, 2.7889



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.



180.6330, 13.4919, 12.5999



214.6860, 19.8748, 18.6924



183.7220, 8.5181, 21.2918



97.3470, 3.7729, 3.2037



53.2380, 56.5777, 53.2883



13.0460, 13.7813, 13.1147

Inverse Universe

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



181.4420, -0.2179, 23.2914



215.8070, -0.3979, 34.3723



192.2780, -8.5181, -21.2918



97.6310, -0.3111, 6.4626



56.5020, -0.7405, 97.7837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 180.6330, 13.4919, 12.5999 looks on a white background.

Color Contrast Check

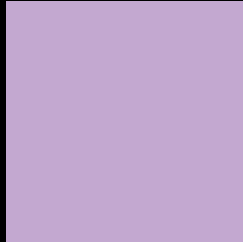
Large Text (above 18pt) WCAG AA × Fail

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 180.6330, 13.4919, 12.5999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

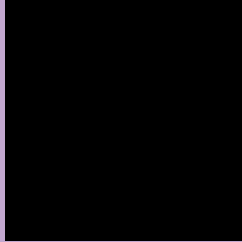
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.6330, 13.4919, 12.5999

Background



This preview shows how black text looks on a background with the YUV color 180.6330, 13.4919, 12.5999.



This preview shows how white text looks on a background with the YUV color 180.6330, 13.4919, 12.5999.

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

180.6330, 13.4919, 12.5999

Protanopia

178.4240, 17.0460, -7.3878

Deuteranopia

179.2680, 13.6719, 1.5190



Tritanopia

179.4620, 2.7302, 10.9958

Trichromacy



Original Color

180.6330, 13.4919, 12.5999

Protanomaly

179.1260, 15.7139, -0.1105

Deuteranomaly

179.5890, 13.5136, 5.6224

Tritanomaly

180.0860, 6.3666, 11.3256

Monochromacy



Original Color

180.6330, 13.4919, 12.5999

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7000, 5.0779, 4.6481

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6330, 13.4919, 12.5999 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(195, 168, 208)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 208)  
}
```

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(195, 168, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 208) }
```

Border

The CSS property to change the border of an element to YUV 180.6330, 13.4919, 12.5999 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(195, 168, 208) }
```


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

```
.border{ border-color:rgb(195, 168, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 168, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 208);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 180.6330, 13.4919, 12.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 208) }
```

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

```
.background{ background-color: rgb(195,  
168, 208) }
```

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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