

Converting Colors

YUV(178.7090, 14.9335,
16.9182)

Have a look what the booklet for
YUV(178.7090, 14.9335, 16.9182)
contains.

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Color

**YUV(178.7090, 14.9335,
16.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A3D1
RGB	198, 163, 209
RGB Percent	78%, 64%, 82%
CMY	0.2235, 0.3608, 0.1804
CMYK	0.05, 0.22, 0.00, 0.18
HSL	286°, 33%, 73%
HSV	286°, 22%, 82%
XYZ	47.8945, 42.8036, 66.0592
YIQ	178.7090, 6.0940, 21.7260

Conversions

Conversions Part 2

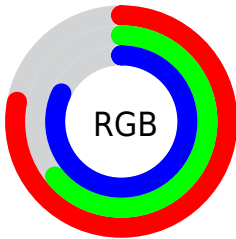
Format	Color
R_{YB}	198, 163, 209
Decimal	13018065
CIE _{Lab}	71.42, 21.06, -18.59
CIE _{LCh}	71, 28.091, 318.577
Yxy	42.8036, 0.3055, 0.2731
Android (android.graphics.Color)	4291208145 (0xFFC6A3D1)
YUV	178.7090, 14.9335, 16.9182
Hunter-Lab	65.4245, 16.1796, -14.0681

Details

The YUV color $178.7090, 14.9335, 16.9182$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $193.2910, -14.9335, -16.9182$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.2810, 10.7075, 19.0476$, and $125.7690, 13.9179, 15.9886$ is the 20% darker color. If you saturate the color by 10%, you get $164.8870, 21.7477, 24.6551$, and if you desaturate by 10%, it is $192.5310, 8.1192, 9.1813$.

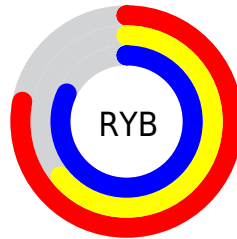
Distribution



Red (78%)

Green (64%)

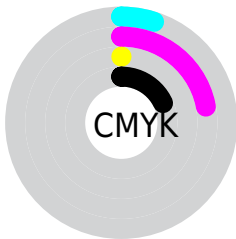
Blue (82%)



Red (78%)

Yellow (64%)

Blue (82%)

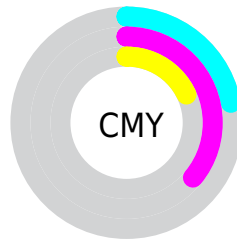


Cyan (5%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (22%)


Magenta (36%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.7090, 14.9335, 16.9182 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 178.7090, 14.9335, 16.9182 by changing the saturation by 10% instead.


 178.7090, 14.9335,
16.9182

 178.7090, 14.9335,
16.9182


255.0000, 0.0000,
0.0000


 152.1820, 14.2073,
16.5034


 233.2810, 10.7075,
19.0476


 125.7690, 13.9179,
15.9886

 250.3040, 2.3151,
4.1184

 100.3560, 13.6285,
15.4738

 76.5300, 13.0497,
14.4442

 53.1170, 12.7603,
13.9294

 31.2910, 12.1815,
12.8998

 12.3620, 11.1605,

13.7145

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 178.7090, 14.9335,
16.9182

■ 178.7090, 14.9335,
16.9182

■ 164.8870, 21.7477,
24.6551

■ 192.5310, 8.1192,
9.1813

■ 151.0650, 28.5620,
32.3920

■ 206.3530, 1.3050,
1.4444

■ 137.2430, 35.3762,
40.1289

■ 220.1750, -5.5093,
-6.2925

■ 123.4210, 42.1904,
47.8658

■ 233.9970,
-12.3235, -14.0294

109.5990, 49.0047,
55.6027

240.1880,
-15.3757, -15.0739

96.3640, 55.5295,
62.8248

241.6830,
-16.1127, -12.0000

82.5420, 62.3438,
70.5617

243.1780,
-16.8498, -8.9261

71.3670, 67.8531,
76.8541

244.6730,
-17.5868, -5.8522

246.1680,
-18.3238, -2.7783

Harmonies

Analogous

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



175.7210, 23.3085, -9.4023



178.7090, 14.9335, 16.9182



178.8440, 3.5279, 35.2168

Triad

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



178.7090, 14.9335, 16.9182



174.4380, -24.3729, 24.1719



162.2040, 13.7034, -55.4299

Complementary

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



178.7090, 14.9335, 16.9182



193.2910, -14.9335, -16.9182

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.



165.2200, -0.6015, -40.5349



178.7090, 14.9335, 16.9182



171.7730, -22.5661, 4.5841

Square

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



178.7090, 14.9335, 16.9182



176.6060, -19.0328, 38.0565



168.8070, -14.2019, -18.2477



163.5490, 23.8863, -54.8555

Rectangle

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



178.7090, 14.9335, 16.9182



178.2980, -5.0769, 41.8347



168.8070, -14.2019, -18.2477



162.7870, 9.4720, -51.5562

Sweetspot

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



178.7090, 14.9335, 16.9182



243.2380, 5.7987, 6.8073



174.7010, 16.9094, -10.2618



120.6460, 3.6255, 3.8185



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.



178.7090, 14.9335, 16.9182



211.4740, 21.4583, 24.1403



180.6300, 8.0704, 24.8805



97.6460, 3.6255, 3.8185



57.4240, 54.5140, 61.8952



13.9430, 13.3391, 14.9590

Inverse Universe

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



178.0080, -1.9759, 27.1800



210.5580, -2.7401, 38.9756



191.2560, -8.5072, -24.7805



97.6310, -0.3111, 6.4626



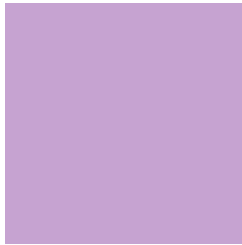
54.7920, -7.2925, 99.2834



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 178.7090, 14.9335, 16.9182 looks on a white background.

Color Contrast Check

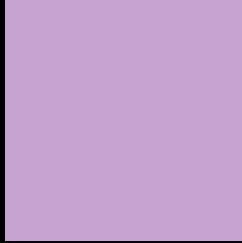
Large Text (above 18pt) WCAG AA × Fail

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 178.7090, 14.9335, 16.9182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

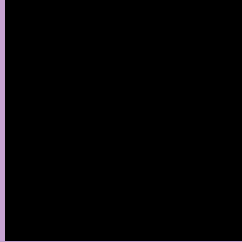
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.7090, 14.9335, 16.9182

Background



This preview shows how black text looks on a background with the YUV color 178.7090, 14.9335, 16.9182.



This preview shows how white text looks on a background with the YUV color 178.7090, 14.9335,

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

178.7090, 14.9335, 16.9182

Protanopia

175.5100, 19.9616, -9.2173

Deuteranopia

176.5990, 14.9877, -0.5253



Tritanopia

177.2560, 1.8458, 14.6845

Trichromacy



Original Color

178.7090, 14.9335, 16.9182

Protanomaly

176.4080, 18.0399, 0.5192

Deuteranomaly

177.3440, 15.1134, 5.8373

Tritanomaly

177.5210, 6.6451, 15.3291

Monochromacy



Original Color

178.7090, 14.9335, 16.9182

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.8250, 5.5093, 6.2925

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7090, 14.9335, 16.9182 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(198, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 209)  
}
```

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(198, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 209) }
```

Border

The CSS property to change the border of an element to YUV 178.7090, 14.9335, 16.9182 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(198, 163, 209) }
```


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

```
.border{ border-color:rgb(198, 163, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 163, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 209);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 178.7090, 14.9335, 16.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 209) }
```

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

```
.background{ background-color: rgb(198,  
163, 209) }
```

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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