

Converting Colors

YUV(180.5610, 19.4434,
17.0480)

Have a look what the booklet for
YUV(180.5610, 19.4434, 17.0480)
contains.

YUV(180.5610, 19.4434, 17.0480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.5610, 19.4434,
17.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A3DC
RGB	200, 163, 220
RGB Percent	78%, 64%, 86%
CMY	0.2157, 0.3608, 0.1373
CMYK	0.09, 0.26, 0.00, 0.14
HSL	279°, 45%, 75%
HSV	279°, 26%, 86%
XYZ	49.8349, 43.6411, 73.5071
YIQ	180.5610, 3.7550, 25.5710

Conversions

Conversions Part 2

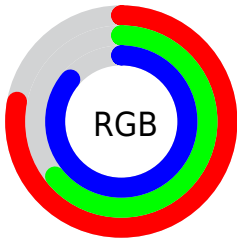
Format	Color
R _{YB}	200, 163, 220
Decimal	13149148
CIE Lab	71.99, 23.92, -23.75
CIE LCh	72, 33.709, 315.213
Yxy	43.6411, 0.2984, 0.2614
Android (android.graphics.Color)	4291339228 (0xFFC8A3DC)
YUV	180.5610, 19.4434, 17.0480
Hunter-Lab	66.0614, 19.0481, -19.7296

Details

The YUV color **180.5610, 19.4434, 17.0480** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.4390, -19.4434, -17.0480**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **127.3220, 18.5753, 15.5036** is the 20% darker color. If you saturate the color by 10%, you get **165.2550, 26.9893, 23.4554**, and if you desaturate by 10%, it is **195.8670, 11.8976, 10.6406**.

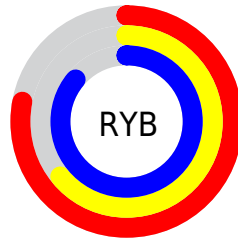
Distribution



Red (78%)

Green (64%)

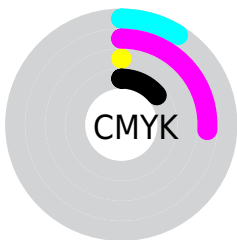
Blue (86%)



Red (78%)

Yellow (64%)

Blue (86%)

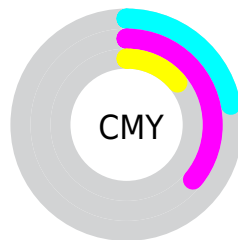


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (22%)


Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.5610, 19.4434, 17.0480 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 180.5610, 19.4434, 17.0480 by changing the saturation by 10% instead.


 180.5610, 19.4434,
17.0480

 180.5610, 19.4434,
17.0480


255.0000, 0.0000,
0.0000


 153.7350, 18.8646,
16.0184


 233.2810, 10.7075,
19.0476


 127.3220, 18.5753,
15.5036

 250.3040, 2.3151,
4.1184

 101.7950, 17.8491,
15.0888

 77.9690, 17.2703,
14.0592

 54.4420, 16.5441,
13.6444

 31.7300, 16.4021,
12.5148

 12.8610, 14.3655,

12.3999

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 180.5610, 19.4434,
17.0480

■ 180.5610, 19.4434,
17.0480

■ 165.2550, 26.9893,
23.4554

■ 195.8670, 11.8976,
10.6406

■ 150.2480, 34.3877,
30.4775

■ 210.8740, 4.4991,
3.6185

■ 134.9420, 41.9336,
36.8849

■ 226.1800, -3.0467,
-2.7889

■ 119.6360, 49.4795,
43.2922

■ 241.4860,
-10.5926, -9.1962

■ 104.3300, 57.0253,
49.6996

■ 246.2260,
-12.9294, -6.3372

■ 89.3230, 64.4238,
56.7217

■ 248.3190,
-13.9613, -2.0338

■ 74.0170, 71.9696,
63.1291

■ 250.7110,
-15.1405, 2.8845

■ 67.8370, 75.0164,
65.9180

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



176.5830, 29.2926, -15.4203



180.5610, 19.4434, 17.0480



180.8600, 5.9850, 40.4648

Triad

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



180.5610, 19.4434, 17.0480



175.6300, -28.9046, 31.0195



158.3870, 16.0782, -70.4994

Complementary

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



180.5610, 19.4434, 17.0480



202.4390, -19.4434, -17.0480

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.



163.8340, -1.8902, -47.2124



180.5610, 19.4434, 17.0480



173.3020, -28.2499, 7.6281

Square

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



180.5610, 19.4434, 17.0480



177.6780, -21.5333, 46.7634



169.3570, -18.4170, -19.6071



159.2090, 29.4770, -74.7283

Rectangle

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



180.5610, 19.4434, 17.0480



179.9830, -3.9356, 49.1269



169.3570, -18.4170, -19.6071



159.9380, 10.3836, -63.9666

Sweetspot

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



180.5610, 19.4434, 17.0480



241.1670, 6.8197, 5.9925



181.8250, 18.8203, -16.5095



118.8740, 4.4991, 3.6185



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.



180.5610, 19.4434, 17.0480



200.2550, 26.9893, 23.4554



185.6290, 13.0009, 30.1434



102.3470, 3.7729, 3.2037



53.5090, 58.9091, 52.1736



14.2140, 15.6705, 13.8443

Inverse Universe

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



182.3230, 0.3338, 33.0427



202.8130, 0.5852, 45.7680



197.3710, -13.0009, -30.1434



102.7450, 0.1257, 6.3626



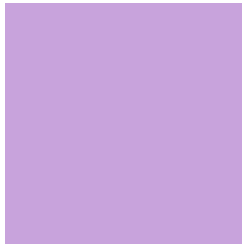
58.6810, 1.1433, 100.2578



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 180.5610, 19.4434, 17.0480 looks on a white background.

Color Contrast Check

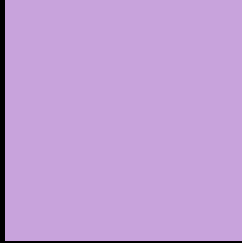
Large Text (above 18pt) WCAG AA × Fail

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 180.5610, 19.4434, 17.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

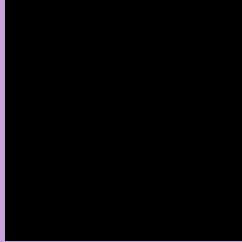
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.5610, 19.4434, 17.0480

Background



This preview shows how black text looks on a background with the YUV color 180.5610, 19.4434, 17.0480.



This preview shows how white text looks on a background with the YUV color 180.5610, 19.4434, 17.0480.

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

180.5610, 19.4434, 17.0480

Protanopia

177.4540, 24.9192, -12.6762

Deuteranopia

178.1300, 19.6559, -4.4990



Tritanopia

178.6580, 2.1406, 13.4549

Trichromacy



Original Color

180.5610, 19.4434, 17.0480

Protanomaly

178.6510, 22.8501, -2.3249

Deuteranomaly

178.8860, 19.7762, 3.6080

Tritanomaly

178.9770, 8.3923, 14.9292

Monochromacy



Original Color

180.5610, 19.4434, 17.0480

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.5800, 7.1091, 6.5073

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.5610, 19.4434, 17.0480 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(200, 163, 220)` looks like.

```
.text, #text, p{  
    color:rgb(200, 163, 220)  
}
```

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(200, 163, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 163, 220) }
```

Border

The CSS property to change the border of an element to YUV 180.5610, 19.4434, 17.0480 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(200, 163, 220) }
```


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

```
.border{ border-color:rgb(200, 163, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 163, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 163, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 163, 220);  
box-shadow:4px 4px 4px 4px rgb(200, 163,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 180.5610, 19.4434, 17.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 163, 220) }
```

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

```
.background{ background-color: rgb(200,  
163, 220) }
```

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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