

Converting Colors

YUV(178.0420, 9.8393, 17.5032)

Have a look what the booklet for
YUV(178.0420, 9.8393, 17.5032)
contains.

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Color

**YUV(178.0420, 9.8393,
17.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A4C6
RGB	198, 164, 198
RGB Percent	78%, 64%, 78%
CMY	0.2235, 0.3569, 0.2235
CMYK	0.00, 0.17, 0.00, 0.22
HSL	300°, 23%, 71%
HSV	300°, 17%, 78%
XYZ	46.7572, 42.6339, 59.1909
YIQ	178.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

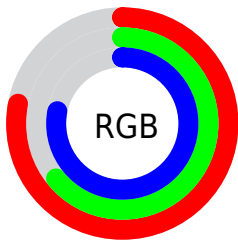
Format	Color
R _Y B	198, 164, 198
Decimal	13018310
CIE Lab	71.31, 18.39, -12.70
CIE LCh	71, 22.348, 325.366
Yxy	42.6339, 0.3147, 0.2869
Android (android.graphics.Color)	4291208390 (0xFFC6A4C6)
YUV	178.0420, 9.8393, 17.5032
Hunter-Lab	65.2946, 13.5574, -8.0413

Details

The YUV color $178.0420, 9.8393, 17.5032$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $183.9580, -9.8393, -17.5032$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.8680, 10.4181, 18.5328$, and $125.2160, 9.2605, 16.4736$ is the 20% darker color. If you saturate the color by 10%, you get $166.3020, 15.6271, 27.7991$, and if you desaturate by 10%, it is $189.7820, 4.0515, 7.2072$.

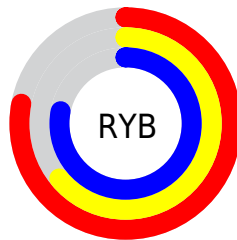
Distribution



Red (78%)

Green (64%)

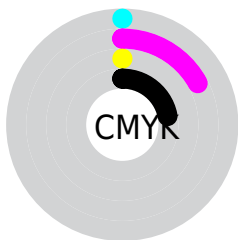
Blue (78%)



Red (78%)

Yellow (64%)

Blue (78%)

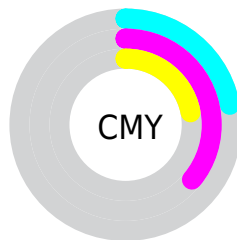


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (22%)


Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0420, 9.8393, 17.5032 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 178.0420, 9.8393, 17.5032 by changing the saturation by 10% instead.


 178.0420, 9.8393,
17.5032


 178.0420, 9.8393,
17.5032


255.0000, 0.0000,
0.0000


 151.6290, 9.5499,
16.9884

 233.8680, 10.4181,
18.5328


 125.2160, 9.2605,
16.4736

 250.8910, 2.0257,
3.6036

 99.8030, 8.9711,
15.9588

 76.0910, 8.8291,
14.8292

 52.6780, 8.5397,
14.3144

 30.9660, 8.3978,
13.1848

 11.4500, 7.6662,

14.5144

■ 0.0000, 0.0000,
0.0000

■ 178.0420, 9.8393,
17.5032

■ 178.0420, 9.8393,
17.5032

■ 166.3020, 15.6271,
27.7991

■ 189.7820, 4.0515,
7.2072

■ 154.5620, 21.4149,
38.0951

■ 201.5220, -1.7363,
-3.0888

■ 143.4090, 26.9134,
47.8763

■ 212.6750, -7.2348,
-12.8700

■ 131.6690, 32.7012,
58.1723

■ 224.4150,
-13.0226, -23.1660

■ 119.9290, 38.4890,
68.4683

■ 231.4590,
-16.4953, -29.3435

■ 108.1890, 44.2768,
78.7642

■ 96.4490, 50.0646,
89.0602

■ 85.2960, 55.5631,
98.8414

■ 81.7740, 57.2994,
101.9302

Harmonies

Analogous

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



175.8700, 17.3191, -1.6400



178.0420, 9.8393, 17.5032



178.0130, 0.4866, 30.6836

Triad

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



178.0420, 9.8393, 17.5032



173.9470, -19.6939, 16.7095



165.9390, 12.3551, -42.9195

Complementary

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



178.0420, 9.8393, 17.5032



183.9580, -9.8393, -17.5032

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.



166.9480, 1.9976, -34.1574



178.0420, 9.8393, 17.5032



171.9340, -16.7295, -0.8191

Square

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



178.0420, 9.8393, 17.5032



176.1210, -16.8217, 28.8349



169.4740, -9.1077, -18.8327



168.0950, 19.1802, -38.6713

Rectangle

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



178.0420, 9.8393, 17.5032



177.6130, -6.2182, 34.5424



169.4740, -9.1077, -18.8327



165.8530, 9.4395, -41.0901

Sweetspot

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



178.0420, 9.8393, 17.5032



247.3690, 3.7621, 6.6924



167.8760, 14.8511, -3.3993



123.3040, 2.3151, 4.1184



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.



178.0420, 9.8393, 17.5032



223.3020, 15.6271, 27.7991



176.1040, 2.4137, 19.2028



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Inverse Universe

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



178.0420, 9.8393, 17.5032



223.3020, 15.6271, 27.7991



185.8960, -2.4137, -19.2028



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 178.0420, 9.8393, 17.5032 looks on a white background.

Color Contrast Check

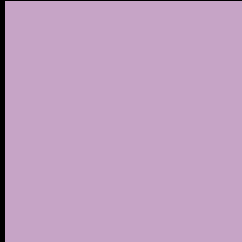
Large Text (above 18pt) WCAG AA × Fail

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 178.0420, 9.8393, 17.5032 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 178.0420, 9.8393, 17.5032

Background



This preview shows how black text looks on a background with the YUV color 178.0420, 9.8393, 17.5032.



This preview shows how white text looks on a background with the YUV color 178.0420, 9.8393,

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

178.0420, 9.8393, 17.5032

Protanopia

175.3380, 14.1304, -5.5584

Deuteranopia

176.3670, 10.1721, 4.0631



Tritanopia

176.8540, 1.5510, 15.9140

Trichromacy



Original Color

178.0420, 9.8393, 17.5032

Protanomaly

176.6380, 12.5035, 2.9485

Deuteranomaly

176.9870, 9.8664, 8.7814

Tritanomaly

177.3640, 4.7505, 16.3438

Monochromacy



Original Color

178.0420, 9.8393, 17.5032

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0420, 9.8393, 17.5032 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, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 198)  
}
```

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, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 198) }
```

Border

The CSS property to change the border of an element to YUV 178.0420, 9.8393, 17.5032 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, 164, 198) }
```


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

```
.border{ border-color:rgb(198, 164, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 178.0420, 9.8393, 17.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 198) }
```

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

```
.background{ background-color: rgb(198,  
164, 198) }
```

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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