

Converting Colors

YUV(174.3880, 18.5427,
25.9697)

Have a look what the booklet for
YUV(174.3880, 18.5427, 25.9697)
contains.

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Color

**YUV(174.3880, 18.5427,
25.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	CC98D4
RGB	204, 152, 212
RGB Percent	80%, 60%, 83%
CMY	0.2000, 0.4039, 0.1686
CMYK	0.04, 0.28, 0.00, 0.17
HSL	292°, 41%, 71%
HSV	292°, 28%, 83%
XYZ	48.0137, 40.0473, 67.4867
YIQ	174.3880, 11.7320, 29.6840

Conversions

Conversions Part 2

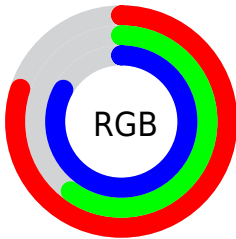
Format	Color
R_{YB}	204, 152, 212
Decimal	13408468
CIE _{Lab}	69.50, 29.66, -23.10
CIE _{LCh}	70, 37.598, 322.085
Yxy	40.0473, 0.3087, 0.2575
Android (android.graphics.Color)	4291598548 (0xFFCC98D4)
YUV	174.3880, 18.5427, 25.9697
Hunter-Lab	63.2829, 24.6855, -18.9304

Details

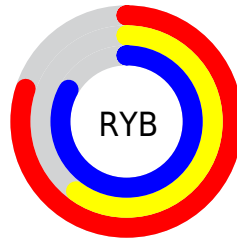
The YUV color $174.3880, 18.5427, 25.9697$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $189.6120, -18.5427, -25.9697$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.8240, 13.8908, 24.7104$, and $121.1490, 17.6745, 24.4253$ is the 20% darker color. If you saturate the color by 10%, you get $161.1640, 25.0621, 34.9362$, and if you desaturate by 10%, it is $187.6120, 12.0233, 17.0033$.

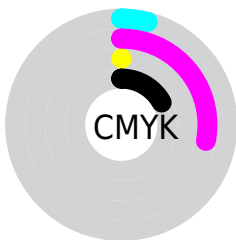
Distribution



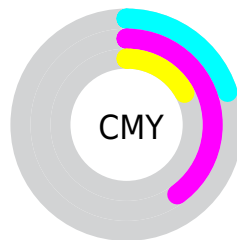
- Red (80%)
- Green (60%)
- Blue (83%)



- Red (80%)
- Yellow (60%)
- Blue (83%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (17%)





- Cyan (20%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.3880, 18.5427, 25.9697 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 174.3880, 18.5427, 25.9697 by changing the saturation by 10% instead.


 174.3880, 18.5427,
25.9697

 174.3880, 18.5427,
25.9697


255.0000, 0.0000,
0.0000


 147.5620, 17.9639,
24.9401


 226.8240, 13.8908,
24.7104


 121.1490, 17.6745,
24.4253

 243.2600, 5.7878,
10.2960

 96.3230, 17.0958,
23.3957

 71.6110, 16.9538,
22.2662

 47.7850, 16.3750,
21.2366

 24.1980, 16.6644,
21.7514

 13.4870, 11.5919,

15.3589

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 174.3880, 18.5427,
25.9697

■ 174.3880, 18.5427,
25.9697

■ 161.1640, 25.0621,
34.9362

■ 187.6120, 12.0233,
17.0033

■ 147.9400, 31.5816,
43.9026

■ 200.8360, 5.5039,
8.0368

■ 134.4280, 38.2430,
53.9986

■ 214.3480, -1.1576,
-2.0592

■ 121.2040, 44.7624,
62.9651

■ 227.5720, -7.6770,
-11.0256

■ 107.9800, 51.2819,
71.9315

■ 239.0350,
-13.3283, -18.4477

■ 94.7560, 57.8013,
80.8980

■ 239.9320,
-13.7705, -16.6034

■ 81.5320, 64.3207,
89.8644

■ 240.8290,
-14.2127, -14.7590

■ 79.1840, 65.4783,
91.9236

■ 241.7260,
-14.6549, -12.9147

■ 242.3240,
-14.9497, -11.6851

Harmonies

Analogous

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



170.9690, 30.5813, -8.7428



174.3880, 18.5427, 25.9697



173.8180, 3.0477, 49.2716

Triad

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



174.3880, 18.5427, 25.9697



168.2830, -32.6775, 27.8158



141.7410, 25.7637, -97.1199

Complementary

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



174.3880, 18.5427, 25.9697



189.6120, -18.5427, -25.9697

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.



152.4130, 3.2474, -61.7522



174.3880, 18.5427, 25.9697



164.6280, -29.3966, 2.0802

Square

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



174.3880, 18.5427, 25.9697



170.4240, -26.3380, 47.8632



159.8720, -16.2059, -28.8287



145.9880, 37.9669, -91.1975

Rectangle

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



174.3880, 18.5427, 25.9697



172.4030, -7.5937, 55.7746



159.8720, -16.2059, -28.8287



145.8690, 18.3056, -84.9541

Sweetspot

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



174.3880, 18.5427, 25.9697



242.3630, 6.2300, 8.4516



163.5360, 23.8928, -10.1171



119.7710, 4.0569, 5.4628



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.



174.3880, 18.5427, 25.9697



200.3430, 26.9459, 37.4102



174.2720, 7.7539, 33.0875



100.2440, 3.3307, 5.0480



63.7460, 52.8762, 73.8908



16.2640, 13.1808, 19.0625

Inverse Universe

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



170.8520, -5.3500, 36.0868



195.3810, -7.5828, 52.2859



189.7280, -7.7539, -33.0875



99.5170, -0.7479, 6.5626



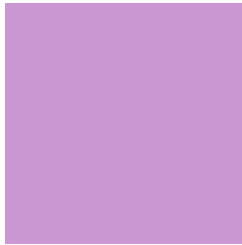
53.7510, -15.1602, 102.8274



13.5410, -3.7177, 25.8355

Previews

White Background



This preview shows how the YUV color 174.3880, 18.5427, 25.9697 looks on a white background.

Color Contrast Check

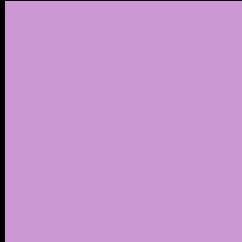
Large Text (above 18pt) WCAG AA × Fail

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 174.3880, 18.5427, 25.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

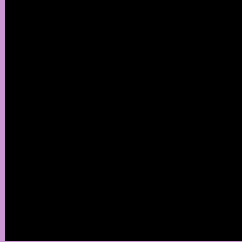
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.3880, 18.5427, 25.9697

Background



This preview shows how black text looks on a background with the YUV color 174.3880, 18.5427, 25.9697.



This preview shows how white text looks on a background with the YUV color 174.3880, 18.5427,

25.9697.

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

174.3880, 18.5427, 25.9697

Protanopia

170.4970, 26.3770, -13.5909

Deuteranopia

171.2010, 18.6349, -3.6843



Tritanopia

172.7300, -0.3599, 22.1618

Trichromacy



Original Color

174.3880, 18.5427, 25.9697

Protanomaly

171.9010, 23.7128, 0.9638

Deuteranomaly

172.2670, 18.6024, 6.7818

Tritanomaly

173.2770, 6.7654, 23.4361

Monochromacy



Original Color

174.3880, 18.5427, 25.9697

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1890, 6.8088, 9.4812

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3880, 18.5427, 25.9697 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(204, 152, 212)` looks like.

```
.text, #text, p{  
    color:rgb(204, 152, 212)  
}
```

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(204, 152, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 152, 212) }
```

Border

The CSS property to change the border of an element to YUV 174.3880, 18.5427, 25.9697 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(204, 152, 212) }
```


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

```
.border{ border-color:rgb(204, 152, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 152, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 152, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 152, 212);  
box-shadow:4px 4px 4px 4px rgb(204, 152,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 174.3880, 18.5427, 25.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 152, 212) }
```

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

```
.background{ background-color: rgb(204,  
152, 212) }
```

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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