

Converting Colors

YUV(195.8410, 24.7284, 1.8934)

Have a look what the booklet for
YUV(195.8410, 24.7284, 1.8934)
contains.

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Color

**YUV(195.8410, 24.7284,
1.8934)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B9F6
RGB	198, 185, 246
RGB Percent	78%, 73%, 96%
CMY	0.2235, 0.2745, 0.0353
CMYK	0.20, 0.25, 0.00, 0.04
HSL	253°, 77%, 85%
HSV	253°, 25%, 96%
XYZ	57.2722, 53.3575, 94.4692
YIQ	195.8410, -11.8330, 21.7270

Conversions

Conversions Part 2

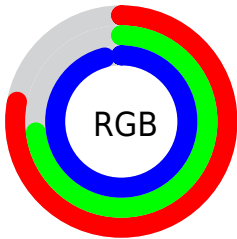
Format	Color
R _Y B	198, 185, 246
Decimal	13023734
CIE Lab	78.09, 16.78, -28.54
CIE LCh	78, 33.103, 300.449
Yxy	53.3575, 0.2792, 0.2602
Android (android.graphics.Color)	4291213814 (0xFFC6B9F6)
YUV	195.8410, 24.7284, 1.8934
Hunter-Lab	73.0462, 12.1228, -25.5462

Details

The YUV color **195.8410, 24.7284, 1.8934** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **235.1590, -24.7284, -1.8934**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 4.0515, 7.2072**, and **141.9010, 23.7128, 0.9638** is the 20% darker color. If you saturate the color by 10%, you get **175.4850, 34.7639, 3.0827**, and if you desaturate by 10%, it is **216.1970, 14.6929, 0.7042**.

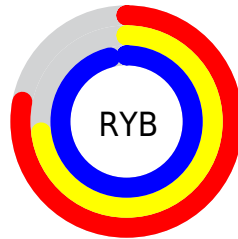
Distribution



Red (78%)

Green (73%)

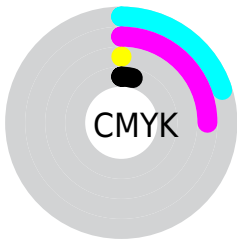
Blue (96%)



Red (78%)

Yellow (73%)

Blue (96%)

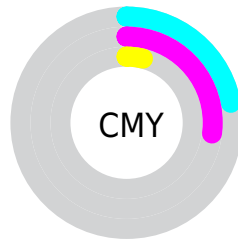


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.8410, 24.7284, 1.8934 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 195.8410, 24.7284, 1.8934 by changing the saturation by 10% instead.

■ 195.8410, 24.7284,
1.8934

■ 195.8410, 24.7284,
1.8934

255.0000, 0.0000,
0.0000

■ 168.3140, 24.0022,
1.4786

■ 246.7820, 4.0515,
7.2072

■ 141.9010, 23.7128,
0.9638

■ 116.2600, 22.5498,
0.6490

■ 91.1460, 22.1130,
0.7490

■ 67.2060, 21.0974,
-0.1807

■ 44.9670, 20.2293,
-1.7251

■ 22.4290, 19.5085,

-3.8842

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 195.8410, 24.7284,
1.8934

■ 195.8410, 24.7284,
1.8934

■ 175.4850, 34.7639,
3.0827

■ 216.1970, 14.6929,
0.7042

■ 155.4170, 44.6574,
3.1423

■ 236.2650, 4.7994,
0.6446

■ 135.0610, 54.6929,
4.3315

■ 253.9740, -3.9312,
0.8998

■ 115.2920, 64.4390,
5.0059

■ 94.6370, 74.6220,
5.5804

■ 74.2810, 84.6575,
6.7696

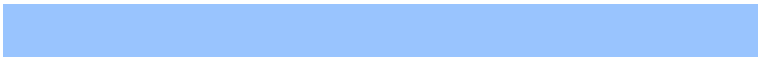
■ 54.2130, 94.5510,
6.8292

■ 43.5920, 99.7871,
7.3738

Harmonies

Analogous

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



189.7550, 31.6728, -32.2341



195.8410, 24.7284, 1.8934



197.9280, 12.8535, 30.7581

Triad

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



195.8410, 24.7284, 1.8934



194.0810, -26.1689, 40.2710



178.6460, 6.5835, -58.4485

Complementary

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



195.8410, 24.7284, 1.8934



235.1590, -24.7284, -1.8934

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.



183.6310, -10.6641, -33.0024



195.8410, 24.7284, 1.8934



191.1510, -29.1614, 20.0386

Square

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



195.8410, 24.7284, 1.8934



195.7800, -16.1605, 50.1819



188.2510, -24.2807, -5.4821



176.2110, 23.0670, -72.0990

Rectangle

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



195.8410, 24.7284, 1.8934



197.4860, 3.2114, 43.4238



188.2510, -24.2807, -5.4821



179.9090, 1.0309, -50.7862

Sweetspot

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



195.8410, 24.7284, 1.8934



240.2480, 7.2727, 0.6595



220.7170, 12.4645, -31.3238



118.8520, 4.5100, 0.1298



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.



195.8410, 24.7284, 1.8934



192.4480, 30.8381, 2.2381



204.8110, 20.3062, 20.3368



112.2650, 4.7994, 0.6446



33.1640, 75.3481, 5.9952



10.3140, 24.0022, 1.4786

Inverse Universe

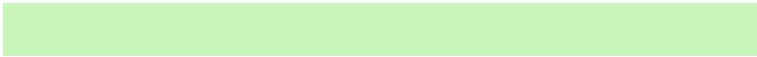
The Inverse Universe completely reimagines the original color for something new.



208.7110, 11.9745, 32.7025



208.5640, 15.0049, 40.7244



226.1890, -20.3062, -20.3368



114.7280, 2.5991, 6.3775



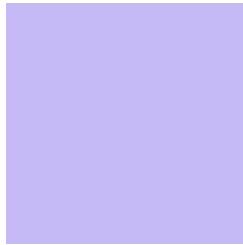
72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 195.8410, 24.7284, 1.8934 looks on a white background.

Color Contrast Check

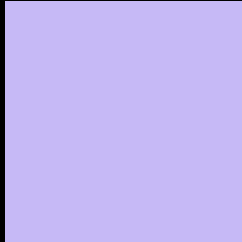
Large Text (above 18pt) WCAG AA × Fail

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 195.8410, 24.7284, 1.8934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

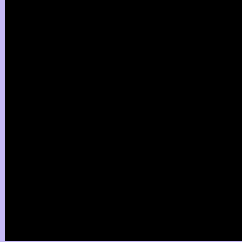
Any Text WCAG AA ✓ Pass

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 195.8410, 24.7284, 1.8934 Background



This preview shows how black text looks on a background with the YUV color 195.8410, 24.7284, 1.8934.



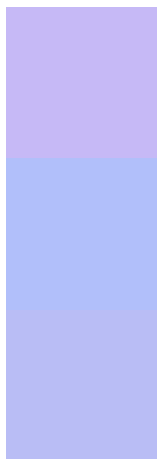
This preview shows how white text looks on a background with the YUV color 195.8410, 24.7284,

1.8934.

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

195.8410, 24.7284, 1.8934

Protanopia

193.5400, 27.8348, -14.5056

Deuteranopia

194.1880, 25.0503, -8.0579



Tritanopia

193.4110, 6.6994, -2.1144

Trichromacy



Original Color

195.8410, 24.7284, 1.8934

Protanomaly

194.6440, 26.7975, -8.4578

Deuteranomaly

195.0960, 24.6027, -4.4692

Tritanomaly

194.1430, 13.2405, -0.1254

Monochromacy



Original Color

195.8410, 24.7284, 1.8934

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0030, 8.8725, 0.8744

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.8410, 24.7284, 1.8934 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, 185, 246)` looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 246)  
}
```

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, 185, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 246) }
```

Border

The CSS property to change the border of an element to YUV 195.8410, 24.7284, 1.8934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

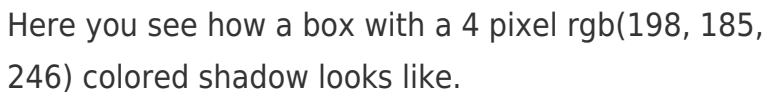
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 185, 246) }
```


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

```
.border{ border-color:rgb(198, 185, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 185, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 246);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 195.8410, 24.7284, 1.8934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 246) }
```

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

```
.background{ background-color: rgb(198,  
185, 246) }
```

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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