

Converting Colors

YUV(195.8410, 28.1794,
15.0484)

Have a look what the booklet for
YUV(195.8410, 28.1794, 15.0484)
contains.

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Color

**YUV(195.8410, 28.1794,
15.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B0FD
RGB	213, 176, 253
RGB Percent	84%, 69%, 99%
CMY	0.1647, 0.3098, 0.0078
CMYK	0.16, 0.30, 0.00, 0.01
HSL	269°, 95%, 84%
HSV	269°, 30%, 99%
XYZ	60.6955, 52.2887, 99.8222
YIQ	195.8410, -2.6650, 31.7910

Conversions

Conversions Part 2

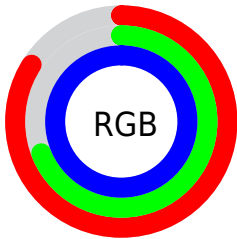
Format	Color
R _Y B	213, 176, 253
Decimal	14004477
CIE Lab	77.45, 27.75, -33.16
CIE LCh	77, 43.246, 309.924
Yxy	52.2887, 0.2852, 0.2457
Android (android.graphics.Color)	4292194557 (0xFFD5B0FD)
YUV	195.8410, 28.1794, 15.0484
Hunter-Lab	72.3109, 23.2833, -31.2298

Details

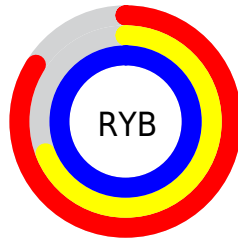
The YUV color **195.8410, 28.1794, 15.0484** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **233.1590, -28.1794, -15.0484**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **141.4880, 26.8744, 13.6040** is the 20% darker color. If you saturate the color by 10%, you get **177.2790, 37.3305, 19.9263**, and if you desaturate by 10%, it is **214.4030, 19.0283, 10.1706**.

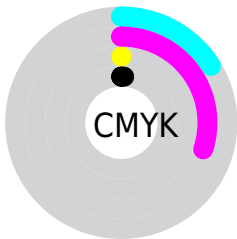
Distribution



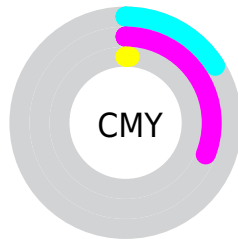
- Red (84%)
- Green (69%)
- Blue (99%)



- Red (84%)
- Yellow (69%)
- Blue (99%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)





- Cyan (16%)
- Magenta (31%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.8410, 28.1794, 15.0484 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, 28.1794, 15.0484 by changing the saturation by 10% instead.


 195.8410, 28.1794,
15.0484


 195.8410, 28.1794,
15.0484


255.0000, 0.0000,
0.0000


 168.3140, 27.4532,
14.6336


 241.4990, 6.6560,
11.8404

 141.4880, 26.8744,
13.6040

 115.9610, 26.1482,
13.1892

 91.0210, 25.1326,
12.2596

 66.1950, 24.5539,
11.2300

 42.9560, 23.6857,
9.6856

 20.1300, 23.1069,

8.6560

■ 6.3260, 19.0663,
-2.0399

■ 3.2090, 9.7570,
-2.8143

■ 195.8410, 28.1794,
15.0484

■ 195.8410, 28.1794,
15.0484

■ 177.2790, 37.3305,
19.9263

■ 214.4030, 19.0283,
10.1706

■ 158.1300, 46.7709,
25.3190

■ 233.5520, 9.5879,
4.7779

■ 139.5680, 55.9220,
30.1969

■ 252.1140, 0.4368,
-0.1000

■ 120.7070, 65.2204,
34.4600

■ 254.7720, -0.8736,
0.2000

■ 101.5580, 74.6609,
39.8526

■ 82.9960, 83.8120,
44.7305

■ 65.3200, 92.5262,
49.7084

Harmonies

Analogous

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



187.2330, 33.4091, -29.1453



195.8410, 28.1794, 15.0484



196.6960, 11.4889, 48.5016

Triad

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



195.8410, 28.1794, 15.0484



190.6440, -36.7995, 43.2852



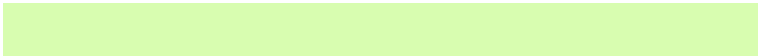
160.8450, 21.2754, -104.2271

Complementary

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



195.8410, 28.1794, 15.0484



233.1590, -28.1794, -15.0484

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.



175.2150, -6.5150, -57.1936



195.8410, 28.1794, 15.0484



186.9410, -37.4389, 14.9607

Square

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



195.8410, 28.1794, 15.0484



189.8750, -23.6024, 57.1146



182.4790, -26.8581, -18.8371



150.8580, 44.9330, -132.3025

Rectangle

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



195.8410, 28.1794, 15.0484



192.1670, 0.4107, 55.1045



182.4790, -26.8581, -18.8371



167.0230, 11.3277, -86.8432

Sweetspot

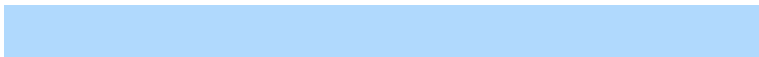
The Sweet Spot groups the original color and five complimentary colors.



195.8410, 28.1794, 15.0484



237.9110, 8.4249, 4.4631



208.8450, 21.7684, -28.8051



116.8030, 5.5201, 2.8038



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, 28.1794, 15.0484



185.1710, 34.4257, 18.2670



206.9040, 22.7253, 37.7952



118.2760, 4.7939, 2.3889



49.2820, 69.8670, 37.4637



16.5650, 23.3855, 12.6595

Inverse Universe

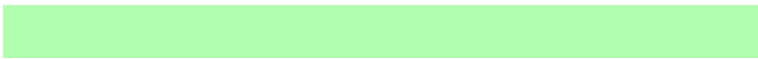
The Inverse Universe completely reimagines the original color for something new.



203.5830, 6.1216, 43.3387



194.6920, 7.5468, 52.8901



222.0960, -22.7253, -37.7952



119.5710, 0.7045, 7.3922



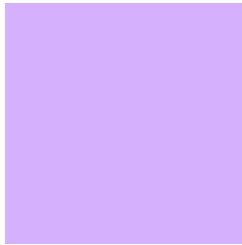
68.3950, 15.0883, 107.5246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 195.8410, 28.1794, 15.0484 looks on a white background.

Color Contrast Check

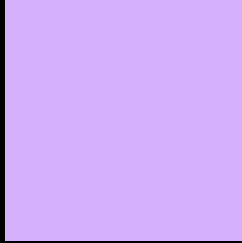
Large Text (above 18pt) WCAG AA × Fail

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, 28.1794, 15.0484 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, 28.1794, 15.0484 Background



This preview shows how black text looks on a background with the YUV color 195.8410, 28.1794, 15.0484.



This preview shows how white text looks on a background with the YUV color 195.8410, 28.1794,

15.0484.

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, 28.1794, 15.0484

Protanopia

191.7400, 31.1872, -16.4350

Deuteranopia

192.1920, 28.9923, -12.4464



Tritanopia

193.0920, 3.8986, 9.5663

Trichromacy



Original Color

195.8410, 28.1794, 15.0484



Protanomaly

193.1760, 29.9862, -4.5394



Deuteranomaly

193.8450, 28.6704, -2.4951



Tritanomaly

193.8070, 12.9131, 11.5703

Monochromacy



Original Color

195.8410, 28.1794, 15.0484



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.0790, 10.3141, 5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.8410, 28.1794, 15.0484 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(213, 176, 253)` looks like.

```
.text, #text, p{  
    color:rgb(213, 176, 253)  
}
```

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(213, 176, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 176, 253) }
```

Border

The CSS property to change the border of an element to YUV 195.8410, 28.1794, 15.0484 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(213, 176, 253) }
```


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

```
.border{ border-color:rgb(213, 176, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 176, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 176, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 176, 253);  
box-shadow:4px 4px 4px 4px rgb(213, 176,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 195.8410, 28.1794, 15.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 176, 253) }
```

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

```
.background{ background-color: rgb(213,  
176, 253) }
```

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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