

Converting Colors

YUV(199.1900, 25.5423,
20.8814)

Have a look what the booklet for
YUV(199.1900, 25.5423, 20.8814)
contains.

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Color

**YUV(199.1900, 25.5423,
20.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB1FB
RGB	223, 177, 251
RGB Percent	87%, 69%, 98%
CMY	0.1255, 0.3059, 0.0157
CMYK	0.11, 0.29, 0.00, 0.02
HSL	277°, 90%, 84%
HSV	277°, 29%, 98%
XYZ	63.5662, 54.0973, 98.3583
YIQ	199.1900, 3.6620, 32.7660

Conversions

Conversions Part 2

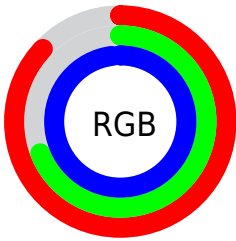
Format	Color
RYB	223, 177, 251
Decimal	14660091
CIELab	78.52, 29.85, -30.37
CIELCh	79, 42.583, 314.498
Yxy	54.0973, 0.2943, 0.2504
Android (android.graphics.Color)	4292850171 (0xFFDFB1FB)
YUV	199.1900, 25.5423, 20.8814
Hunter-Lab	73.5509, 25.5542, -27.8019

Details

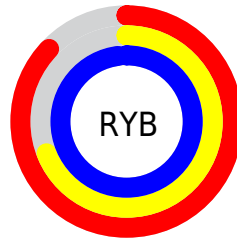
The YUV color **199.1900, 25.5423, 20.8814** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **228.8100, -25.5423, -20.8814**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **144.8370, 24.2374, 19.4370** is the 20% darker color. If you saturate the color by 10%, you get **181.8240, 34.1038, 28.2184**, and if you desaturate by 10%, it is **216.5560, 16.9809, 13.5444**.

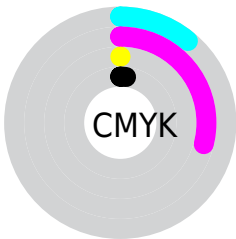
Distribution



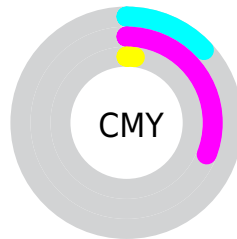
- Red (87%)
- Green (69%)
- Blue (98%)



- Red (87%)
- Yellow (69%)
- Blue (98%)



- Cyan (11%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)





- Cyan (13%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.1900, 25.5423, 20.8814 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 199.1900, 25.5423, 20.8814 by changing the saturation by 10% instead.


 199.1900, 25.5423,
20.8814


 199.1900, 25.5423,
20.8814


255.0000, 0.0000,
0.0000


 171.6630, 24.8161,
20.4665


 242.0860, 6.3666,
11.3256

 144.8370, 24.2374,
19.4370

 119.0110, 23.6586,
18.4074

 93.4840, 22.9324,
17.9925

 69.3590, 22.5010,
16.3482

 45.8320, 21.7748,
15.9333

 22.4190, 21.4854,

15.4185

■ 10.9960, 16.2710,
7.8965

■ 3.0950, 9.3202,
-2.7143

■ 199.1900, 25.5423,
20.8814

■ 199.1900, 25.5423,
20.8814

■ 181.8240, 34.1038,
28.2184

■ 216.5560, 16.9809,
13.5444

■ 164.1590, 42.8126,
34.9406

■ 234.2210, 8.2720,
6.8222

■ 146.7930, 51.3741,
42.2775

■ 251.5870, -0.2894,
-0.5148

■ 129.1280, 60.0829,
48.9997

■ 254.5440, -1.7472,
0.3999

■ 111.7620, 68.6443,
56.3367

■ 93.5100, 77.6426,
63.5737

■ 76.1440, 86.2040,
70.9107

■ 75.2580, 86.6408,
70.8107

Harmonies

Analogous

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



192.0060, 31.0560, -21.0533



199.1900, 25.5423, 20.8814



198.3110, 8.7207, 49.7163

Triad

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



199.1900, 25.5423, 20.8814



193.2090, -37.0780, 39.2817



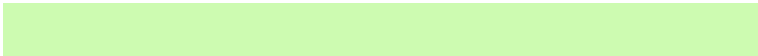
163.0450, 24.6278, -106.1565

Complementary

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



199.1900, 25.5423, 20.8814



228.8100, -25.5423, -20.8814

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.



176.9200, -2.4256, -62.1968



199.1900, 25.5423, 20.8814



189.5490, -36.2597, 10.0425

Square

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



199.1900, 25.5423, 20.8814



193.2830, -25.7755, 54.1258



184.5430, -23.9317, -24.1552



155.5210, 46.0851, -128.4989

Rectangle

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



199.1900, 25.5423, 20.8814



193.5860, -1.7679, 53.8601



184.5430, -23.9317, -24.1552



168.6250, 14.9749, -90.0021

Sweetspot

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



199.1900, 25.5423, 20.8814



238.8080, 7.9827, 6.3074



201.8720, 24.2201, -21.8127



117.4010, 5.2253, 4.0333



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.



199.1900, 25.5423, 20.8814



192.5910, 30.7676, 24.9147



206.5360, 17.4838, 38.9949



115.8740, 4.4991, 3.6185



56.5290, 65.3082, 53.0331



18.3160, 21.0432, 17.2629

Inverse Universe

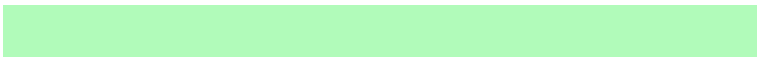
The Inverse Universe completely reimagines the original color for something new.



202.3180, 1.3222, 42.6941



196.4870, 1.7319, 51.3159



221.4640, -17.4838, -38.9949



116.4570, 0.2677, 7.4922



64.6050, 3.1527, 109.0944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 199.1900, 25.5423, 20.8814 looks on a white background.

Color Contrast Check

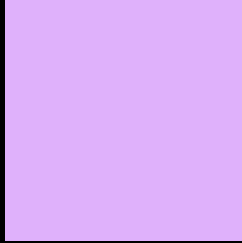
Large Text (above 18pt) WCAG AA × Fail

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 199.1900, 25.5423, 20.8814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

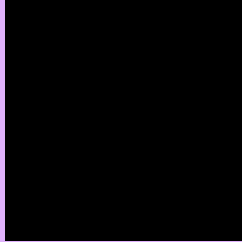
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.1900, 25.5423, 20.8814

Background



This preview shows how black text looks on a background with the YUV color 199.1900, 25.5423, 20.8814.



This preview shows how white text looks on a background with the YUV color 199.1900, 25.5423,

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

199.1900, 25.5423, 20.8814

Protanopia

194.6970, 29.7294, -15.5203

Deuteranopia

195.7040, 25.7819, -9.3874



Tritanopia

196.9680, 1.9878, 15.8141

Trichromacy



Original Color

199.1900, 25.5423, 20.8814

Protanomaly

196.7310, 28.2336, -2.3951

Deuteranomaly

197.0690, 25.6020, 1.6935

Tritanomaly

197.5690, 10.5655, 17.9180

Monochromacy



Original Color

199.1900, 25.5423, 20.8814

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1610, 9.2876, 7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1900, 25.5423, 20.8814 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(223, 177, 251)` looks like.

```
.text, #text, p{  
    color:rgb(223, 177, 251)  
}
```

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(223, 177, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 177, 251) }
```

Border

The CSS property to change the border of an element to YUV 199.1900, 25.5423, 20.8814 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(223, 177, 251) }
```


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

```
.border{ border-color:rgb(223, 177, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 177, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 177, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 177, 251);  
box-shadow:4px 4px 4px 4px rgb(223, 177,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 199.1900, 25.5423, 20.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 177, 251) }
```

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

```
.background{ background-color: rgb(223,  
177, 251) }
```

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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