

# Converting Colors

YUV(194.3300, 26.4593, 6.7266)

Have a look what the booklet for  
YUV(194.3300, 26.4593, 6.7266)  
contains.

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# Color

**YUV(194.3300, 26.4593,  
6.7266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAB4F8
RGB	202, 180, 248
RGB Percent	79%, 71%, 97%
CMY	0.2078, 0.2941, 0.0275
CMYK	0.19, 0.27, 0.00, 0.03
HSL	259°, 83%, 84%
HSV	259°, 27%, 97%
XYZ	57.6217, 51.9764, 95.8024
YIQ	194.3300, -8.7160, 25.8120

# Conversions

## Conversions Part 2

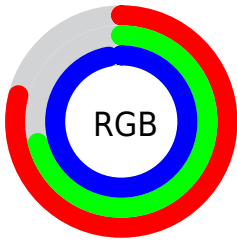
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 180, 248
Decimal	13284600
CIE <sub>Lab</sub>	77.27, 21.16, -30.84
CIE <sub>LCh</sub>	77, 37.405, 304.456
Yxy	51.9764, 0.2805, 0.2530
Android (android.graphics.Color)	4291474680 (0xFFCAB4F8)
YUV	194.3300, 26.4593, 6.7266
Hunter-Lab	72.0946, 16.5005, -28.3208

# Details

The YUV color **194.3300, 26.4593, 6.7266** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **233.6700, -26.4593, -6.7266**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8470, 5.4984, 9.7812**, and **140.2760, 25.0069, 5.8969** is the 20% darker color. If you saturate the color by 10%, you get **174.5720, 36.2000, 9.1454**, and if you desaturate by 10%, it is **214.0880, 16.7186, 4.3078**.

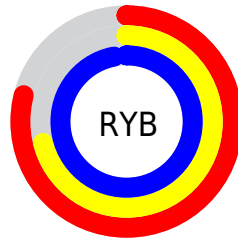
# Distribution



Red (79%)

Green (71%)

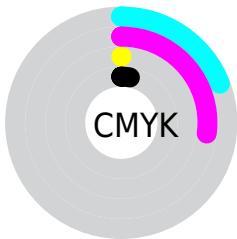
Blue (97%)



Red (79%)

Yellow (71%)

Blue (97%)

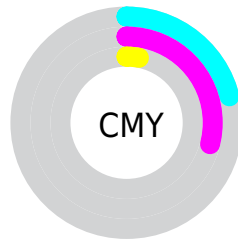


Cyan (19%)

Magenta (27%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (29%)


Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 194.3300, 26.4593, 6.7266 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 194.3300, 26.4593, 6.7266 by changing the saturation by 10% instead.




 194.3300, 26.4593,  
6.7266


 194.3300, 26.4593,  
6.7266


255.0000, 0.0000,  
0.0000


 166.8030, 25.7331,  
6.3118


 243.8470, 5.4984,  
9.7812

 140.2760, 25.0069,  
5.8969

 114.7490, 24.2807,  
5.4821

 89.9230, 23.7020,  
4.4525

 65.9830, 22.6864,  
3.5229

 43.0430, 21.6708,  
2.5933

 21.2060, 21.0974,

-0.1807

■ 4.6740, 17.9087,  
-4.0991

■ 2.7530, 8.0098,  
-2.4144

■ 194.3300, 26.4593,  
6.7266

■ 194.3300, 26.4593,  
6.7266

■ 174.5720, 36.2000,  
9.1454

■ 214.0880, 16.7186,  
4.3078

■ 154.8140, 45.9407,  
11.5641

■ 233.8460, 6.9779,  
1.8891

■ 135.9420, 55.2446,  
14.0829

■ 252.7180, -2.3260,  
-0.6297

■ 116.1840, 64.9853,  
16.5016

■ 254.2020, -3.0576,  
0.6998

■ 96.4260, 74.7260,  
18.9204

■ 76.6680, 84.4667,  
21.3392

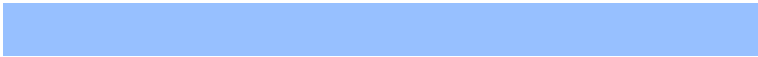
■ 57.2090, 94.0600,  
24.3727

■ 52.1920, 96.5333,  
24.3876

# Harmonies

## Analogous

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



186.9230, 33.5620, -31.5045



194.3300, 26.4593, 6.7266



195.8580, 12.3950, 37.8355

# Triad

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



194.3300, 26.4593, 6.7266



190.6530, -30.3949, 42.4003



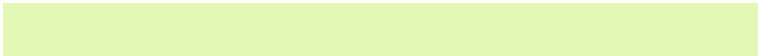
171.8120, 11.4317, -73.5031

# Complementary

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



194.3300, 26.4593, 6.7266



233.6700, -26.4593, -6.7266

# 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.



178.9180, -9.3266, -42.0241



194.3300, 26.4593, 6.7266



187.8150, -32.9398, 18.5792

# Square

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



194.3300, 26.4593, 6.7266



192.3030, -19.3764, 54.9853



183.9900, -25.1381, -10.5152



167.6370, 30.2520, -90.0126



# Rectangle

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



194.3300, 26.4593, 6.7266



195.4870, 1.7319, 51.3159



183.9900, -25.1381, -10.5152



174.0430, 4.4158, -63.1817

# Sweetspot

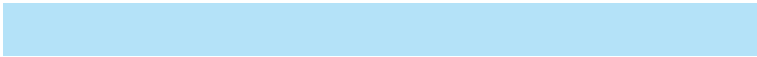
The Sweet Spot groups the original color and five complimentary colors.



194.3300, 26.4593, 6.7266



239.0740, 7.8515, 1.6891



214.7540, 16.3903, -30.4793



117.6780, 5.0887, 1.1594



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.



194.3300, 26.4593, 6.7266



188.6490, 32.7110, 8.2008



204.4960, 21.4475, 27.6290



114.6780, 5.0887, 1.1594



39.7850, 73.5630, 18.6056



12.9340, 23.6965, 6.1969



# Inverse Universe

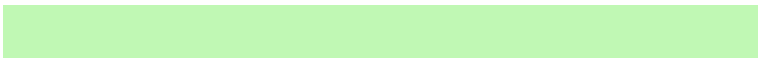
The Inverse Universe completely reimagines the original color for something new.



205.5760, 10.0690, 37.2058



202.6140, 12.5153, 45.9425



223.5040, -21.4475, -27.6290



116.9130, 2.0149, 7.0923



71.1030, 28.0502, 103.3957

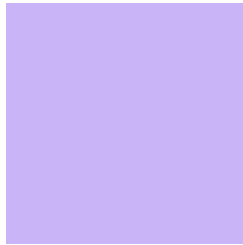


22.9130, 8.9169, 33.4023



# Previews

## White Background



This preview shows how the YUV color 194.3300, 26.4593, 6.7266 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

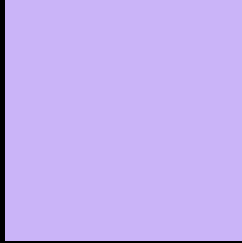
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.3300, 26.4593, 6.7266 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

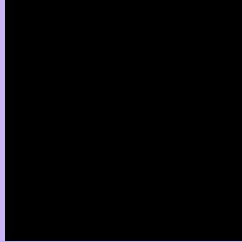
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 194.3300, 26.4593, 6.7266

## Background



This preview shows how black text looks on a background with the YUV color 194.3300, 26.4593, 6.7266.



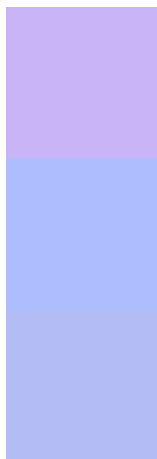
This preview shows how white text looks on a background with the YUV color 194.3300, 26.4593,



# 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

194.3300, 26.4593, 6.7266

### Protanopia

191.6260, 30.7504, -16.3350

### Deuteranopia

192.2200, 26.5135, -10.7169



## Tritanopia

191.5040, 5.6675, 2.1890

# Trichromacy



## Original Color

194.3300, 26.4593, 6.7266

## Protanomaly

192.9260, 29.1235, -7.8281

## Deuteranomaly

192.9650, 26.6393, -4.3543

## Tritanomaly

192.4640, 13.0822, 3.9781

# Monochromacy



## Original Color

194.3300, 26.4593, 6.7266

## Achromatopsia

194.0000, 0.0000, 0.0000

## Achromatomaly

194.2420, 9.7407, 2.4188

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.3300, 26.4593, 6.7266 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(202, 180, 248)` looks like.

```
.text, #text, p{  
    color:rgb(202, 180, 248)  
}
```

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(202, 180, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 180, 248) }
```

## Border

The CSS property to change the border of an element to YUV 194.3300, 26.4593, 6.7266 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(202, 180, 248) }
```



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

```
.border{ border-color:rgb(202, 180, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 180, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 180, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 180, 248);  
box-shadow:4px 4px 4px 4px rgb(202, 180,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 194.3300, 26.4593, 6.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 180, 248) }
```

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

```
.background{ background-color: rgb(202,  
180, 248) }
```

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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