

# Converting Colors

YUV(193.1880, 28.5013, 5.0971)

Have a look what the booklet for  
YUV(193.1880, 28.5013, 5.0971)  
contains.

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# Color

**YUV(193.1880, 28.5013,  
5.0971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B3FB
RGB	199, 179, 251
RGB Percent	78%, 70%, 98%
CMY	0.2196, 0.2980, 0.0157
CMYK	0.21, 0.29, 0.00, 0.02
HSL	257°, 90%, 84%
HSV	257°, 29%, 98%
XYZ	57.0859, 51.3473, 98.1691
YIQ	193.1880, -11.1920, 26.6320

# Conversions

## Conversions Part 2

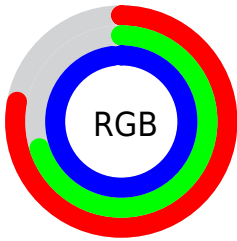
Format	Color
R <sub>YB</sub>	199, 179, 251
Decimal	13087739
CIE <sub>Lab</sub>	76.89, 21.48, -33.06
CIE <sub>LCh</sub>	77, 39.422, 303.008
Yxy	51.3473, 0.2763, 0.2485
Android (android.graphics.Color)	4291277819 (0xFFC7B3FB)
YUV	193.1880, 28.5013, 5.0971
Hunter-Lab	71.6571, 16.8028, -31.0664

# Details

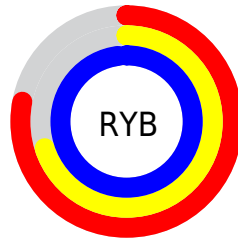
The YUV color **193.1880, 28.5013, 5.0971** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **236.8120, -28.5013, -5.0971**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **139.1340, 27.0489, 4.2675** is the 20% darker color. If you saturate the color by 10%, you get **173.1310, 38.3894, 6.9011**, and if you desaturate by 10%, it is **213.2450, 18.6132, 3.2931**.

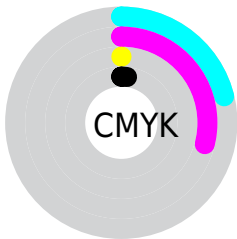
# Distribution



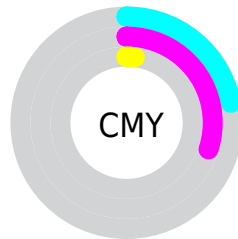
- Red (78%)
- Green (70%)
- Blue (98%)



- Red (78%)
- Yellow (70%)
- Blue (98%)



- Cyan (21%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)




- Cyan (22%)
- Magenta (30%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 193.1880, 28.5013, 5.0971 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 193.1880, 28.5013, 5.0971 by changing the saturation by 10% instead.




 193.1880, 28.5013,  
5.0971


 193.1880, 28.5013,  
5.0971


255.0000, 0.0000,  
0.0000


 165.6610, 27.7751,  
4.6823


 243.2600, 5.7878,  
10.2960

 139.1340, 27.0489,  
4.2675

 113.6070, 26.3227,  
3.8527

 88.6670, 25.3072,  
2.9230

 64.7270, 24.2916,  
1.9934

 41.6020, 23.8602,  
0.3490

 19.3520, 22.9975,

-2.9397

■ 4.9020, 18.7823,  
-4.2991

■ 2.9810, 8.8834,  
-2.6143

■ 193.1880, 28.5013,  
5.0971

■ 193.1880, 28.5013,  
5.0971

■ 173.1310, 38.3894,  
6.9011

■ 213.2450, 18.6132,  
3.2931

■ 153.0740, 48.2775,  
8.7051

■ 233.3020, 8.7251,  
1.4891

■ 133.0170, 58.1656,  
10.5091

■ 253.3590, -1.1630,  
-0.3148

■ 112.6610, 68.2011,  
11.6983

■ 254.5440, -1.7472,  
0.3999

■ 92.0170, 78.3786,  
14.0171

■ 71.9600, 88.2667,  
15.8211

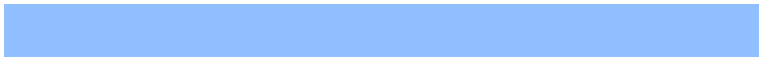
■ 51.9030, 98.1548,  
17.6251

■ 49.5440, 99.3178,  
17.9399

# Harmonies

## Analogous

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



184.8300, 34.5938, -35.8079



193.1880, 28.5013, 5.0971



195.0260, 14.2842, 38.5652

# Triad

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



193.1880, 28.5013, 5.0971



189.7350, -31.4214, 44.9594



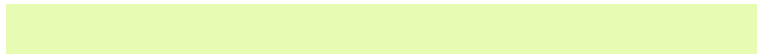
168.4910, 11.5899, -77.6066

# Complementary

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



193.1880, 28.5013, 5.0971



236.8120, -28.5013, -5.0971

# 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.



176.8640, -10.7790, -42.8537



193.1880, 28.5013, 5.0971



187.2560, -35.1292, 20.8235

# Square

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



193.1880, 28.5013, 5.0971



190.4280, -18.9450, 56.6296



182.7190, -27.4695, -9.4006



161.2440, 32.9107, -102.8230



# Rectangle

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



193.1880, 28.5013, 5.0971



194.1390, 2.8895, 53.3751



182.7190, -27.4695, -9.4006



171.9070, 3.9898, -66.5704

# Sweetspot

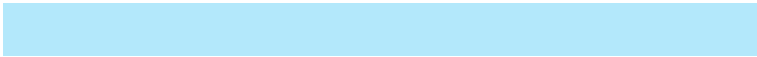
The Sweet Spot groups the original color and five complimentary colors.



193.1880, 28.5013, 5.0971



236.4160, 9.1619, 1.3892



218.3190, 16.1117, -34.4828



115.9060, 5.9623, 0.9594



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.



193.1880, 28.5013, 5.0971



185.0940, 34.4637, 6.0566



203.6530, 23.3421, 26.6143



114.6780, 5.0887, 1.1594



37.0940, 74.8897, 13.0726



12.0370, 24.1388, 4.3526



# Inverse Universe

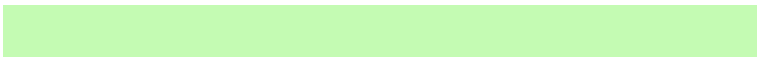
The Inverse Universe completely reimagines the original color for something new.



206.4560, 12.1002, 39.0651



201.1950, 14.6939, 47.1870



226.3470, -23.3421, -26.6143



116.9130, 2.0149, 7.0923



72.0150, 31.5446, 102.5958

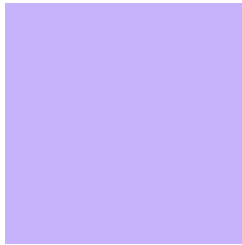


23.2550, 10.2273, 33.1024



# Previews

## White Background



This preview shows how the YUV color 193.1880, 28.5013, 5.0971 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

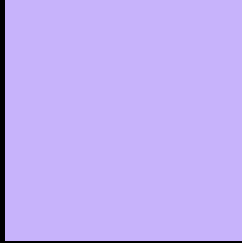
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.1880, 28.5013, 5.0971 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

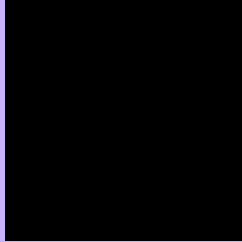
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 193.1880, 28.5013, 5.0971

## Background



This preview shows how black text looks on a background with the YUV color 193.1880, 28.5013, 5.0971.



This preview shows how white text looks on a background with the YUV color 193.1880, 28.5013, 5.0971.



# 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

193.1880, 28.5013, 5.0971

### Protanopia

189.6690, 32.2082, -17.2497

### Deuteranopia

190.7790, 28.7030, -12.9612



## Tritanopia

190.3080, 6.2572, -0.2701

# Trichromacy



## Original Color

193.1880, 28.5013, 5.0971

## Protanomaly

191.0830, 31.0181, -8.8428

## Deuteranomaly

191.5240, 28.8287, -6.5985

## Tritanomaly

191.3820, 14.1087, 1.4190

# Monochromacy



## Original Color

193.1880, 28.5013, 5.0971

## Achromatopsia

193.0000, 0.0000, 0.0000

## Achromatomaly

193.0570, 10.3249, 1.7040

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.1880, 28.5013, 5.0971 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(199, 179, 251)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 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(199, 179, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 251) }
```

## Border

The CSS property to change the border of an element to YUV 193.1880, 28.5013, 5.0971 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(199, 179, 251) }
```



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

```
.border{ border-color:rgb(199, 179, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 179, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 179, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 179, 251); box-shadow:4px 4px 4px 4px rgb(199, 179, 251) }
```

# Background

The CSS property to change the background color of an element to YUV 193.1880, 28.5013, 5.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 251) }
```

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

```
.background{ background-color: rgb(199,  
179, 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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