

# Converting Colors

YUV(188.4590, 30.8327, 3.9825)

Have a look what the booklet for  
YUV(188.4590, 30.8327, 3.9825)  
contains.

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# Color

**YUV(188.4590, 30.8327,  
3.9825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1AEFB
RGB	193, 174, 251
RGB Percent	76%, 68%, 98%
CMY	0.2431, 0.3176, 0.0157
CMYK	0.23, 0.31, 0.00, 0.02
HSL	255°, 91%, 83%
HSV	255°, 31%, 98%
XYZ	54.5410, 48.5746, 97.7680
YIQ	188.4590, -13.3930, 27.9750

# Conversions

## Conversions Part 2

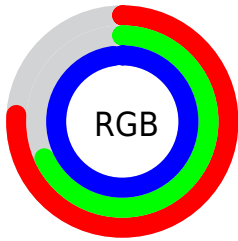
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	193, 174, 251
Decimal	12693243
CIE Lab	75.19, 22.45, -35.73
CIE LCh	75, 42.200, 302.142
Yxy	48.5746, 0.2715, 0.2418
Android (android.graphics.Color)	4290883323 (0xFFC1AEFB)
YUV	188.4590, 30.8327, 3.9825
Hunter-Lab	69.6955, 17.7200, -34.3845

# Details

The YUV color  $188.4590, 30.8327, 3.9825$  is a light color, and the websafe version is hex  $9999FF$ . A complement of this color would be  $236.5410, -30.8327, -3.9825$ , and the grayscale version is  $188.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $238.8300, 7.9718, 9.7961$ , and  $134.9920, 29.0909, 2.6380$  is the 20% darker color. If you saturate the color by 10%, you get  $168.1030, 40.8682, 5.1717$ , and if you desaturate by 10%, it is  $208.8150, 20.7972, 2.7932$ .

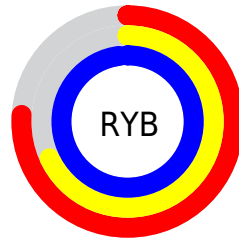
# Distribution



Red (76%)

Green (68%)

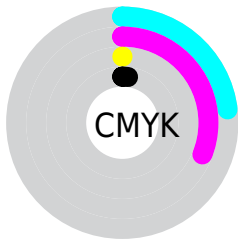
Blue (98%)



Red (76%)

Yellow (68%)

Blue (98%)

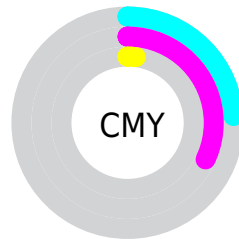


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (32%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.4590, 30.8327, 3.9825 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 188.4590, 30.8327, 3.9825 by changing the saturation by 10% instead.



■ 188.4590, 30.8327,  
3.9825

■ 188.4590, 30.8327,  
3.9825

255.0000, 0.0000,  
0.0000

■ 160.9320, 30.1065,  
3.5676

■ 238.8300, 7.9718,  
9.7961

■ 134.9920, 29.0909,  
2.6380

■ 109.4650, 28.3648,  
2.2232

■ 84.5250, 27.3492,  
1.2936

■ 60.2860, 26.4810,  
-0.2508

■ 37.6340, 25.3234,  
-2.3100

■ 13.4270, 25.9185,

-6.5135

■ 6.0760, 18.2035,  
-5.3287

■ 2.9810, 8.8834,  
-2.6143

■ 188.4590, 30.8327,  
3.9825

■ 188.4590, 30.8327,  
3.9825

■ 168.1030, 40.8682,  
5.1717

■ 208.8150, 20.7972,  
2.7932

■ 147.7470, 50.9037,  
6.3609

■ 229.1710, 10.7617,  
1.6040

■ 127.3910, 60.9392,  
7.5501

■ 249.5270, 0.7262,  
0.4148

■ 107.0350, 70.9747,  
8.7393

■ 254.5440, -1.7472,  
0.3999

■ 86.6790, 81.0103,  
9.9285

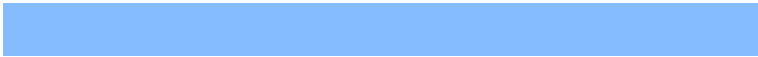
■ 66.0350, 91.1877,  
12.2473

■ 47.1520, 100.4971,  
13.0217

# Harmonies

## Analogous

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



178.8940, 37.5203, -41.1260



188.4590, 30.8327, 3.9825



190.3790, 15.5892, 40.0096

# Triad

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



188.4590, 30.8327, 3.9825



184.8880, -33.4688, 48.3332



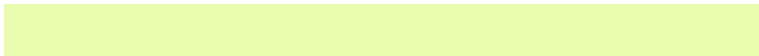
160.4790, 13.0749, -87.2431

# Complementary

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



188.4590, 30.8327, 3.9825



236.5410, -30.8327, -3.9825

# 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.



171.7990, -12.2259, -45.4277



188.4590, 30.8327, 3.9825



182.2840, -37.6080, 22.5529

# Square

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



188.4590, 30.8327, 3.9825



185.6350, -19.5401, 60.8331



177.8500, -29.5060, -9.5154



145.9850, 38.9544, -128.0288



# Rectangle

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



188.4590, 30.8327, 3.9825



189.0900, 3.8996, 56.0491



177.8500, -29.5060, -9.5154



164.5750, 4.1535, -72.4183

# Sweetspot

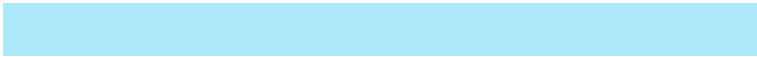
The Sweet Spot groups the original color and five complimentary colors.



188.4590, 30.8327, 3.9825



236.4160, 9.1619, 1.3892



217.4110, 16.5594, -38.0714



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.



188.4590, 30.8327, 3.9825



178.5930, 37.6687, 4.7419



199.5220, 25.3787, 26.7292



114.6780, 5.0887, 1.1594



35.5990, 75.6267, 9.9987



11.4390, 24.4336, 3.1230



# Inverse Universe

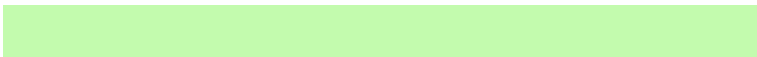
The Inverse Universe completely reimagines the original color for something new.



203.6350, 13.9839, 41.5391



197.2000, 17.1564, 50.6906



225.4780, -25.3787, -26.7292



117.0270, 2.4517, 6.9923



72.6990, 34.1654, 101.9960

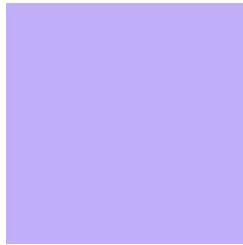


23.4830, 11.1009, 32.9024



# Previews

## White Background



This preview shows how the YUV color 188.4590, 30.8327, 3.9825 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

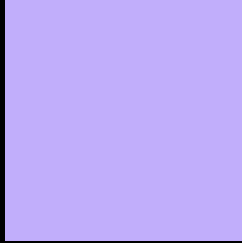
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.4590, 30.8327, 3.9825 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

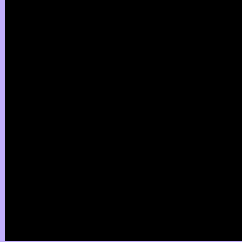
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.4590, 30.8327, 3.9825

## Background



This preview shows how black text looks on a background with the YUV color 188.4590, 30.8327, 3.9825.



This preview shows how white text looks on a background with the YUV color 188.4590, 30.8327,

3.9825.

# 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

188.4590, 30.8327, 3.9825

### Protanopia

185.2280, 34.3976, -19.4940

### Deuteranopia

185.1530, 31.4766, -15.9202



## Tritanopia

185.4110, 6.6994, -2.1144

# Trichromacy



## Original Color

188.4590, 30.8327, 3.9825

## Protanomaly

186.6420, 33.2075, -11.0870

## Deuteranomaly

186.1970, 31.4549, -8.9428

## Tritanomaly

186.4250, 15.5665, 0.5043

# Monochromacy



## Original Color

188.4590, 30.8327, 3.9825

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

188.2850, 11.1985, 1.5041

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.4590, 30.8327, 3.9825 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(193, 174, 251)` looks like.

```
.text, #text, p{  
    color:rgb(193, 174, 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(193, 174, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 174, 251) }
```

## Border

The CSS property to change the border of an element to YUV 188.4590, 30.8327, 3.9825 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(193, 174, 251) }
```



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

```
.border{ border-color:rgb(193, 174, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 174, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 174, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 174, 251);  
box-shadow:4px 4px 4px 4px rgb(193, 174,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 188.4590, 30.8327, 3.9825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 174, 251) }
```

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

```
.background{ background-color: rgb(193,  
174, 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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