

# Converting Colors

YUV(193.3880, 18.5427,  
25.9697)

Have a look what the booklet for  
YUV(193.3880, 18.5427, 25.9697)  
contains.

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# Color

**YUV(193.3880, 18.5427,  
25.9697)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFABE7
RGB	223, 171, 231
RGB Percent	87%, 67%, 91%
CMY	0.1255, 0.3294, 0.0941
CMYK	0.03, 0.26, 0.00, 0.09
HSL	292°, 56%, 79%
HSV	292°, 26%, 91%
XYZ	59.4181, 50.5833, 82.2332
YIQ	193.3880, 11.7320, 29.6840

# Conversions

## Conversions Part 2

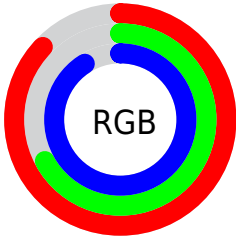
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 171, 231
Decimal	14658535
CIE Lab	76.43, 29.14, -22.78
CIE LCh	76, 36.987, 321.984
Yxy	50.5833, 0.3091, 0.2631
Android (android.graphics.Color)	4292848615 (0xFFDFABE7)
YUV	193.3880, 18.5427, 25.9697
Hunter-Lab	71.1219, 24.6627, -18.7674

# Details

The YUV color **193.3880, 18.5427, 25.9697** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.6120, -18.5427, -25.9697**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5640, 8.1029, 14.4144**, and **139.1490, 17.6745, 24.4253** is the 20% darker color. If you saturate the color by 10%, you get **178.9900, 25.6409, 35.9658**, and if you desaturate by 10%, it is **207.7860, 11.4445, 15.9737**.

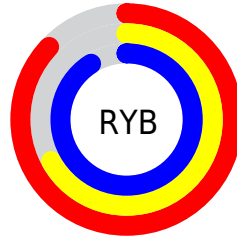
# Distribution



Red (87%)

Green (67%)

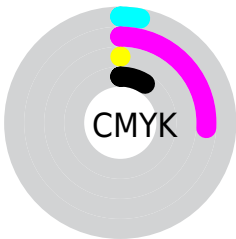
Blue (91%)



Red (87%)

Yellow (67%)

Blue (91%)

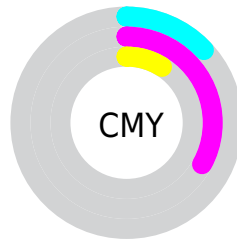


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (33%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 193.3880, 18.5427, 25.9697 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 193.3880, 18.5427, 25.9697 by changing the saturation by 10% instead.




 193.3880, 18.5427,  
25.9697


 193.3880, 18.5427,  
25.9697


255.0000, 0.0000,  
0.0000


 165.9750, 18.2533,  
25.4549


 238.5640, 8.1029,  
14.4144

 139.1490, 17.6745,  
24.4253

 113.4370, 17.5326,  
23.2958

 88.6110, 16.9538,  
22.2662

 64.1980, 16.6644,  
21.7514

 40.7850, 16.3750,  
21.2366

 18.0730, 16.2330,

20.1070

■ 8.0900, 10.3086,  
6.9371

■ 0.0000, 0.0000,  
0.0000

■ 193.3880, 18.5427,  
25.9697

■ 193.3880, 18.5427,  
25.9697

■ 178.9900, 25.6409,  
35.9658

■ 207.7860, 11.4445,  
15.9737

■ 164.5920, 32.7391,  
45.9618

■ 222.1840, 4.3463,  
5.9776

■ 150.1940, 39.8374,  
55.9579

■ 236.5820, -2.7519,  
-4.0184

■ 135.7960, 46.9356,  
65.9539

■ 246.2840, -7.5350,  
-9.8961

120.8110, 54.3232,  
76.4648

247.1810, -7.9772,  
-8.0517

106.4130, 61.4214,  
86.4608

248.0780, -8.4195,  
-6.2074

91.7160, 68.6670,  
95.8421

249.2740, -9.0091,  
-3.7483

86.1340, 71.4189,  
99.8605

250.1710, -9.4513,  
-1.9040

251.0680, -9.8935,  
-0.0596

# Harmonies

## Analogous

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



189.9690, 30.5813, -8.7428



193.3880, 18.5427, 25.9697



192.8180, 3.0477, 49.2716

# Triad

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



193.3880, 18.5427, 25.9697



186.9950, -32.5355, 28.9454



166.4220, 22.9630, -85.4391

# Complementary

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



193.3880, 18.5427, 25.9697



208.6120, -18.5427, -25.9697

# 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.



173.1960, 2.3684, -59.8079



193.3880, 18.5427, 25.9697



183.6280, -29.3966, 2.0802

# Square

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



193.3880, 18.5427, 25.9697



189.7230, -26.4854, 48.4779



179.0570, -16.7901, -28.1140



169.6580, 35.1716, -81.2611



# Rectangle

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



193.3880, 18.5427, 25.9697



191.9900, -7.8831, 55.2598



179.0570, -16.7901, -28.1140



167.8590, 16.8315, -78.8063

# Sweetspot

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



193.3880, 18.5427, 25.9697



242.3630, 6.2300, 8.4516



182.5360, 23.8928, -10.1171



119.7710, 4.0569, 5.4628



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.



193.3880, 18.5427, 25.9697



205.3380, 24.4834, 33.9066



193.2720, 7.7539, 33.0875



107.3580, 3.7675, 4.9480



66.7510, 55.3388, 77.3944



18.9700, 15.7908, 21.9513



# Inverse Universe

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



189.8520, -5.3500, 36.0868



200.7610, -7.2772, 47.5676



208.7280, -7.7539, -33.0875



106.8160, -0.8953, 7.1774



56.2570, -15.9027, 107.6456



16.0470, -4.4602, 30.6538



# Previews

## White Background



This preview shows how the YUV color 193.3880, 18.5427, 25.9697 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

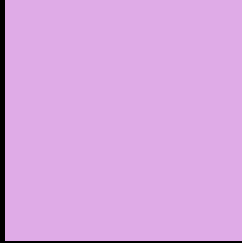
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.3880, 18.5427, 25.9697 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

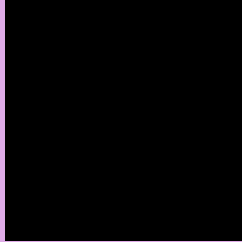
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 193.3880, 18.5427, 25.9697

## Background



This preview shows how black text looks on a background with the YUV color 193.3880, 18.5427, 25.9697.



This preview shows how white text looks on a background with the YUV color 193.3880, 18.5427,



# 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

193.3880, 18.5427, 25.9697

### Protanopia

189.6820, 25.7928, -12.8761

### Deuteranopia

190.5000, 18.4875, -3.0695



## Tritanopia

191.2570, 0.3663, 22.5766

# Trichromacy



## Original Color

193.3880, 18.5427, 25.9697



## Protanomaly

190.7870, 23.2760, 1.0638



## Deuteranomaly

191.5660, 18.4550, 7.3966



## Tritanomaly

191.6900, 7.0548, 23.9509

# Monochromacy



## Original Color

193.3880, 18.5427, 25.9697



## Achromatopsia

193.0000, 0.0000, 0.0000



## Achromatomaly

193.1890, 6.8088, 9.4812

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.3880, 18.5427, 25.9697 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, 171, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 171, 231)  
}
```

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, 171, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 171, 231) }
```

## Border

The CSS property to change the border of an element to YUV 193.3880, 18.5427, 25.9697 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, 171, 231) }
```



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

```
.border{ border-color:rgb(223, 171, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 171, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 171, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 171, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 171,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 193.3880, 18.5427, 25.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 171, 231) }
```

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

```
.background{ background-color: rgb(223,  
171, 231) }
```

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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