

# Converting Colors

YUV(190.8310, 26.7053,  
21.1962)

Have a look what the booklet for  
YUV(190.8310, 26.7053, 21.1962)  
contains.

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# Color

**YUV(190.8310, 26.7053,  
21.1962)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7A8F5
RGB	215, 168, 245
RGB Percent	84%, 66%, 96%
CMY	0.1569, 0.3412, 0.0392
CMYK	0.12, 0.31, 0.00, 0.04
HSL	277°, 79%, 81%
HSV	277°, 31%, 96%
XYZ	58.5084, 49.0449, 92.7691
YIQ	190.8310, 3.2950, 33.9110

# Conversions

## Conversions Part 2

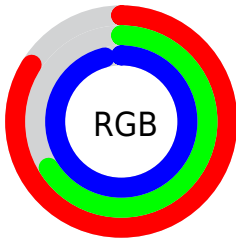
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 168, 245
Decimal	14133493
CIE Lab	75.48, 31.03, -31.88
CIE LCh	75, 44.486, 314.223
Yxy	49.0449, 0.2921, 0.2448
Android (android.graphics.Color)	4292323573 (0xFFD7A8F5)
YUV	190.8310, 26.7053, 21.1962
Hunter-Lab	70.0321, 26.5720, -29.5170

# Details

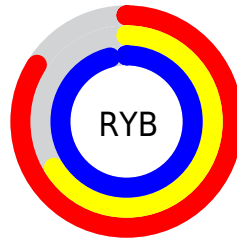
The YUV color **190.8310, 26.7053, 21.1962** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **222.1690, -26.7053, -21.1962**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8030, 8.9711, 15.9588**, and **136.4780, 25.4003, 19.7518** is the 20% darker color. If you saturate the color by 10%, you get **173.1660, 35.4142, 27.9184**, and if you desaturate by 10%, it is **208.4960, 17.9965, 14.4740**.

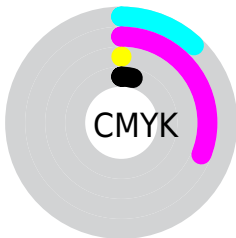
# Distribution



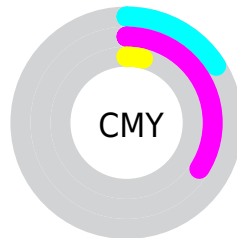
- Red (84%)
- Green (66%)
- Blue (96%)



- Red (84%)
- Yellow (66%)
- Blue (96%)



- Cyan (12%)
- Magenta (31%)
- Yellow (0%)
- Black (4%)




- Cyan (16%)
- Magenta (34%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 190.8310, 26.7053, 21.1962 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 190.8310, 26.7053, 21.1962 by changing the saturation by 10% instead.




 190.8310, 26.7053,  
21.1962

 190.8310, 26.7053,  
21.1962


255.0000, 0.0000,  
0.0000


 163.3040, 25.9791,  
20.7814


 236.8030, 8.9711,  
15.9588


 136.4780, 25.4003,  
19.7518

 253.2390, 0.8682,  
1.5444

 110.6520, 24.8216,  
18.7222

 85.8260, 24.2428,  
17.6926

 61.8860, 23.2272,  
16.7630

 38.1740, 23.0852,  
15.6334

 16.8210, 21.7802,

14.1890

■ 4.4460, 17.0351,  
-3.8991

■ 2.4110, 6.6994,  
-2.1144

■ 190.8310, 26.7053,  
21.1962

■ 190.8310, 26.7053,  
21.1962

■ 173.1660, 35.4142,  
27.9184

■ 208.4960, 17.9965,  
14.4740

■ 156.3870, 43.6862,  
34.7406

■ 225.2750, 9.7244,  
7.6518

■ 138.7220, 52.3951,  
41.4628

■ 242.9400, 1.0156,  
0.9296

■ 121.9430, 60.6671,  
48.2850

■ 253.2620, -4.0732,  
-0.2298

■ 104.8650, 69.0866,  
54.4924

■ 253.8600, -4.3680,  
0.9998

■ 87.4990, 77.6480,  
61.8294

■ 72.7800, 84.9045,  
67.7219

# Harmonies

## Analogous

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



183.4340, 35.2820, -23.1826



190.8310, 26.7053, 21.1962



190.7460, 8.9992, 53.7198

# Triad

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



190.8310, 26.7053, 21.1962



184.5790, -38.2464, 40.7112



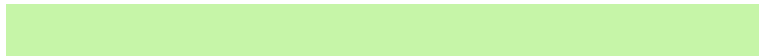
145.4660, 29.3503, -127.5737

# Complementary

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



190.8310, 26.7053, 21.1962



222.1690, -26.7053, -21.1962

# 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.



166.8980, -2.4147, -65.6855



190.8310, 26.7053, 21.1962



181.2070, -37.5701, 10.3425

# Square

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



190.8310, 26.7053, 21.1962



186.2730, -27.2496, 60.2736



175.7170, -24.5105, -25.1848



147.9230, 46.3800, -129.7285



# Rectangle

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



190.8310, 26.7053, 21.1962



186.8040, -2.3684, 59.8079



175.7170, -24.5105, -25.1848



154.9330, 17.7810, -103.4272

# Sweetspot

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



190.8310, 26.7053, 21.1962



238.8080, 7.9827, 6.3074



194.9750, 24.6623, -23.6571



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.



190.8310, 26.7053, 21.1962



186.6990, 33.6724, 26.5740



198.8890, 18.7887, 40.4393



113.7600, 4.0623, 3.7185



55.2900, 64.4400, 51.4887



17.4900, 20.4644, 16.2333



# Inverse Universe

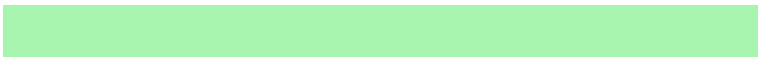
The Inverse Universe completely reimagines the original color for something new.



194.4430, 1.7536, 44.3385



191.3350, 2.2998, 55.8342



214.1110, -18.7887, -40.4393



114.1580, 0.4151, 6.8774



63.9360, 4.4686, 107.0501

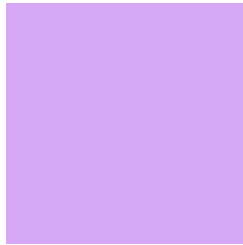


20.2630, 1.3493, 33.9723



# Previews

## White Background



This preview shows how the YUV color 190.8310, 26.7053, 21.1962 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

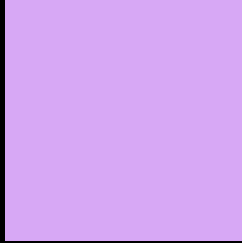
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.8310, 26.7053, 21.1962 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 190.8310, 26.7053, 21.1962 Background



This preview shows how black text looks on a background with the YUV color 190.8310, 26.7053, 21.1962.



This preview shows how white text looks on a background with the YUV color 190.8310, 26.7053,



# 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

190.8310, 26.7053, 21.1962

### Protanopia

186.4130, 33.8134, -18.7792

### Deuteranopia

187.0350, 27.0977, -11.4317



## Tritanopia

188.2670, 1.8404, 16.4288

# Trichromacy



## Original Color

190.8310, 26.7053, 21.1962



## Protanomaly

187.8170, 31.1492, -4.2245



## Deuteranomaly

188.6990, 26.7704, 0.2640



## Tritanomaly

188.9820, 10.8549, 18.4328

# Monochromacy



## Original Color

190.8310, 26.7053, 21.1962



## Achromatopsia

191.0000, 0.0000, 0.0000



## Achromatomaly

191.2750, 9.7244, 7.6518

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.8310, 26.7053, 21.1962 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(215, 168, 245)` looks like.

```
.text, #text, p{  
    color:rgb(215, 168, 245)  
}
```

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(215, 168, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 168, 245) }
```

## Border

The CSS property to change the border of an element to YUV 190.8310, 26.7053, 21.1962 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(215, 168, 245) }
```



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

```
.border{ border-color:rgb(215, 168, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 168, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 168, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 168, 245);  
box-shadow:4px 4px 4px 4px rgb(215, 168,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 190.8310, 26.7053, 21.1962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 168, 245) }
```

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

```
.background{ background-color: rgb(215,  
168, 245) }
```

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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