

# Converting Colors

YUV(190.8800, 25.6952,  
18.5222)

Have a look what the booklet for  
YUV(190.8800, 25.6952, 18.5222)  
contains.

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# Color

**YUV(190.8800, 25.6952,  
18.5222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4AAF3
RGB	212, 170, 243
RGB Percent	83%, 67%, 95%
CMY	0.1686, 0.3333, 0.0471
CMYK	0.13, 0.30, 0.00, 0.05
HSL	275°, 75%, 81%
HSV	275°, 30%, 95%
XYZ	57.7038, 49.2176, 91.2526
YIQ	190.8800, 1.5990, 31.6070

# Conversions

## Conversions Part 2

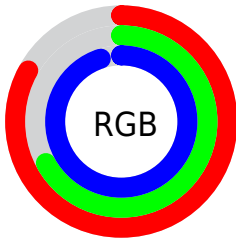
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 170, 243
Decimal	13937395
CIE Lab	75.59, 28.61, -30.66
CIE LCh	76, 41.930, 313.018
Yxy	49.2176, 0.2912, 0.2484
Android (android.graphics.Color)	4292127475 (0xFFD4AAF3)
YUV	190.8800, 25.6952, 18.5222
Hunter-Lab	70.1552, 24.0474, -28.0113

# Details

The YUV color **190.8800, 25.6952, 18.5222** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **222.1200, -25.6952, -18.5222**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **136.9400, 24.6796, 17.5926** is the 20% darker color. If you saturate the color by 10%, you get **173.8020, 34.1146, 24.7296**, and if you desaturate by 10%, it is **207.9580, 17.2757, 12.3148**.

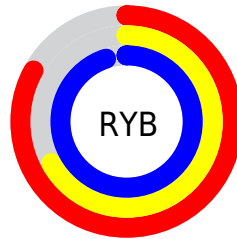
# Distribution



Red (83%)

Green (67%)

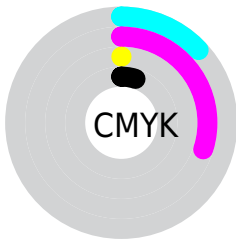
Blue (95%)



Red (83%)

Yellow (67%)

Blue (95%)

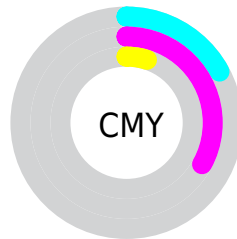


Cyan (13%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (17%)

Magenta (33%)


Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 190.8800, 25.6952, 18.5222 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 190.8800, 25.6952, 18.5222 by changing the saturation by 10% instead.




 190.8800, 25.6952,  
18.5222

 190.8800, 25.6952,  
18.5222


255.0000, 0.0000,  
0.0000


 163.3530, 24.9690,  
18.1074


 237.9770, 8.3923,  
14.9292


 136.9400, 24.6796,  
17.5926

254.4130, 0.2894,  
0.5148

 111.0000, 23.6640,  
16.6630

 86.1740, 23.0852,  
15.6334

 62.3480, 22.5064,  
14.6038

 39.1090, 21.6383,  
13.0594

 16.1090, 21.6383,

13.0594

■ 4.2180, 16.1615,  
-3.6992

■ 2.1830, 5.8258,  
-1.9145

■ 190.8800, 25.6952,  
18.5222

■ 190.8800, 25.6952,  
18.5222

■ 173.8020, 34.1146,  
24.7296

■ 207.9580, 17.2757,  
12.3148

■ 155.8380, 42.9709,  
30.8371

■ 225.9220, 8.4195,  
6.2074

■ 138.7600, 51.3903,  
37.0445

■ 243.0000, 0.0000,  
0.0000

■ 121.6820, 59.8098,  
43.2519

■ 253.0340, -4.9468,  
-0.0298

■ 104.3050, 68.3766,  
48.8445

■ 253.6320, -5.2416,  
1.1997

■ 86.6400, 77.0855,  
55.5667

■ 69.5620, 85.5049,  
61.7741

# Harmonies

## Analogous

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



184.0210, 34.9926, -23.6974



190.8800, 25.6952, 18.5222



191.4250, 9.1575, 49.6163

# Triad

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



190.8800, 25.6952, 18.5222



184.8500, -35.9150, 39.5966



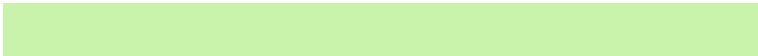
155.3010, 23.0226, -104.6270

# Complementary

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



190.8800, 25.6952, 18.5222



222.1200, -25.6952, -18.5222

# 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.



169.3010, -3.5994, -59.0230



190.8800, 25.6952, 18.5222



181.7880, -35.3915, 11.5869

# Square

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



190.8800, 25.6952, 18.5222



187.0170, -25.6444, 58.7441



176.8530, -24.0845, -21.7961



146.8800, 44.9222, -128.8138



# Rectangle

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



190.8800, 25.6952, 18.5222



188.7930, -2.3629, 58.0635



176.8530, -24.0845, -21.7961



161.5930, 13.5117, -87.3431

# Sweetspot

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



190.8800, 25.6952, 18.5222



238.5090, 8.1301, 5.6926



197.1060, 22.6257, -23.7720



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.



190.8800, 25.6952, 18.5222



189.3350, 32.3728, 23.3852



199.5790, 18.9416, 38.0802



113.4610, 4.2097, 3.1037



53.1970, 65.4719, 47.1852



16.8920, 20.7592, 15.0037



# Inverse Universe

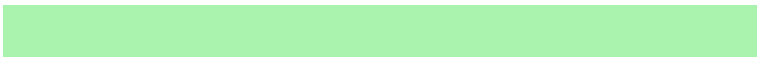
The Inverse Universe completely reimagines the original color for something new.



195.3610, 2.7800, 41.7794



194.9540, 3.4737, 52.6603



213.4210, -18.9416, -38.0802



114.1580, 0.4151, 6.8774



64.6200, 7.0893, 106.4503

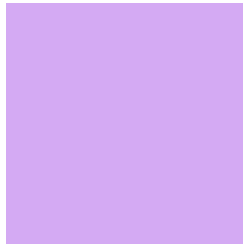


20.4910, 2.2229, 33.7724



# Previews

## White Background



This preview shows how the YUV color 190.8800, 25.6952, 18.5222 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

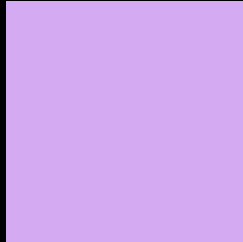
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.8800, 25.6952, 18.5222 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

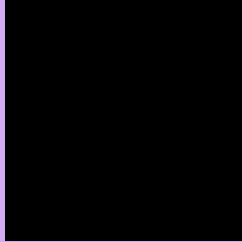
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 190.8800, 25.6952, 18.5222

## Background



This preview shows how black text looks on a background with the YUV color 190.8800, 25.6952, 18.5222.



This preview shows how white text looks on a background with the YUV color 190.8800, 25.6952,



# 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

190.8800, 25.6952, 18.5222

### Protanopia

186.4840, 32.7924, -17.9645

### Deuteranopia

187.4050, 25.9293, -10.0022



## Tritanopia

188.7720, 2.5774, 13.3550

# Trichromacy



## Original Color

190.8800, 25.6952, 18.5222

## Protanomaly

188.1760, 29.9862, -4.5394

## Deuteranomaly

188.4710, 25.8968, 0.4639

## Tritanomaly

189.3730, 11.1551, 15.4589

# Monochromacy



## Original Color

190.8800, 25.6952, 18.5222

## Achromatopsia

191.0000, 0.0000, 0.0000

## Achromatomaly

190.8620, 9.4350, 7.1370

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.8800, 25.6952, 18.5222 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(212, 170, 243)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 243)  
}
```

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(212, 170, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 243) }
```

## Border

The CSS property to change the border of an element to YUV 190.8800, 25.6952, 18.5222 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(212, 170, 243) }
```



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

```
.border{ border-color:rgb(212, 170, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 243);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 190.8800, 25.6952, 18.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 243) }
```

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

```
.background{ background-color: rgb(212,  
170, 243) }
```

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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