

# Converting Colors

YUV(189.4060, 11.1388,  
20.6919)

Have a look what the booklet for  
YUV(189.4060, 11.1388, 20.6919)  
contains.

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# Color

**YUV(189.4060, 11.1388,  
20.6919)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5ADD4
RGB	213, 173, 212
RGB Percent	84%, 68%, 83%
CMY	0.1647, 0.3216, 0.1686
CMYK	0.00, 0.19, 0.00, 0.16
HSL	302°, 32%, 76%
HSV	302°, 19%, 84%
XYZ	54.2678, 48.7867, 68.8439
YIQ	189.4060, 11.3210, 20.6090

# Conversions

## Conversions Part 2

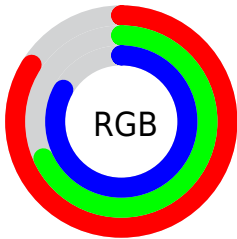
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	213, 173, 212
Decimal	14003668
CIE <sub>Lab</sub>	75.32, 21.19, -14.21
CIE <sub>LCh</sub>	75, 25.511, 326.143
Y <sub>xy</sub>	48.7867, 0.3157, 0.2838
Android (android.graphics.Color)	4292193748 (0xFFD5ADD4)
YUV	189.4060, 11.1388, 20.6919
Hunter-Lab	69.8475, 16.4519, -9.5448

# Details

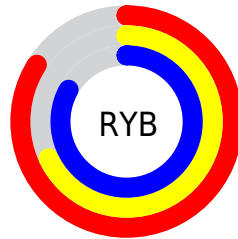
The YUV color **189.4060, 11.1388, 20.6919** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **196.5940, -11.1388, -20.6919**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **135.5800, 10.5601, 19.6623** is the 20% darker color. If you saturate the color by 10%, you get **176.9650, 16.7793, 31.6027**, and if you desaturate by 10%, it is **201.8470, 5.4984, 9.7812**.

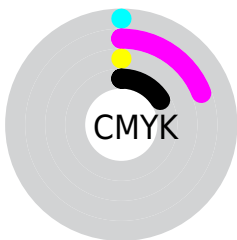
# Distribution



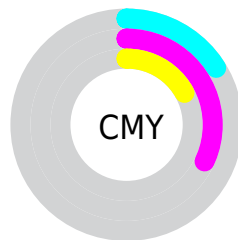
- Red (84%)
- Green (68%)
- Blue (83%)



- Red (84%)
- Yellow (68%)
- Blue (83%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (32%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 189.4060, 11.1388, 20.6919 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 189.4060, 11.1388, 20.6919 by changing the saturation by 10% instead.




 189.4060, 11.1388,  
20.6919


 189.4060, 11.1388,  
20.6919

255.0000, 0.0000,  
0.0000

 161.9930, 10.8495,  
20.1771


 239.7380, 7.5242,  
13.3848

 135.5800, 10.5601,  
19.6623

 110.1670, 10.2707,  
19.1475

 85.4550, 10.1287,  
18.0180

 61.7430, 9.9867,  
16.8884

 39.9170, 9.4079,  
15.8588

 17.3300, 9.6973,

16.3736

■ 1.5960, 6.1152,  
-1.3997

■ 0.0000, 0.0000,  
0.0000

■ 189.4060, 11.1388,  
20.6919

■ 189.4060, 11.1388,  
20.6919

■ 176.9650, 16.7793,  
31.6027

■ 201.8470, 5.4984,  
9.7812

■ 164.0510, 23.1459,  
42.9283

■ 214.7610, -0.8682,  
-1.5444

■ 151.6100, 28.7863,  
53.8390

■ 227.2020, -6.5086,  
-12.4552

■ 139.2830, 34.8635,  
64.6498

■ 237.7680,  
-11.7176, -21.7215

126.8420, 40.5039,  
75.5606

237.8820,  
-11.2808, -21.8215

113.9280, 46.8705,  
86.8861

237.9960,  
-10.8440, -21.9215

101.4870, 52.5109,  
97.7969

238.1100,  
-10.4072, -22.0215

89.1600, 58.5881,  
108.6077

87.3990, 59.4563,  
110.1521

# Harmonies

## Analogous

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



187.5540, 19.9399, -2.2399



189.4060, 11.1388, 20.6919



189.5190, -0.2559, 35.5018

# Triad

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



189.4060, 11.1388, 20.6919



184.8610, -22.6095, 18.5389



174.8780, 14.8501, -49.8820

# Complementary

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



189.4060, 11.1388, 20.6919



196.5940, -11.1388, -20.6919

# 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.



176.4310, 2.7455, -40.7200



189.4060, 11.1388, 20.6919



181.9510, -19.2028, -0.8340

# Square

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



189.4060, 11.1388, 20.6919



186.7580, -19.6007, 33.5382



179.2240, -9.9704, -22.1214



177.6750, 22.8382, -45.3190



# Rectangle

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



189.4060, 11.1388, 20.6919



188.8910, -7.8343, 39.5606



179.2240, -9.9704, -22.1214



175.2650, 11.2084, -48.4674

# Sweetspot

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



189.4060, 11.1388, 20.6919



246.1950, 4.3409, 7.7220



177.8590, 17.3245, -3.3843



122.6030, 2.1677, 4.7332



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.



189.4060, 11.1388, 20.6919



220.2530, 16.6373, 30.4731



187.1260, 2.4029, 22.6915



100.5430, 3.1833, 5.6628



70.1670, 47.7387, 88.4305



17.6450, 12.0070, 22.2363



# Inverse Universe

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



189.4060, 11.1388, 20.6919



220.2530, 16.6373, 30.4731



198.8740, -2.4029, -22.6915



100.5430, 3.1833, 5.6628



70.1670, 47.7387, 88.4305

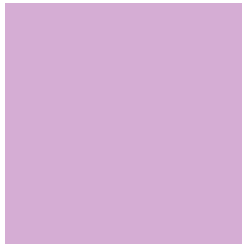


17.6450, 12.0070, 22.2363



# Previews

## White Background



This preview shows how the YUV color 189.4060, 11.1388, 20.6919 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

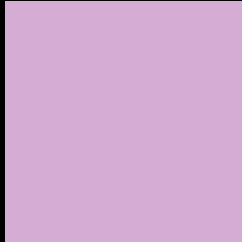
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.4060, 11.1388, 20.6919 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

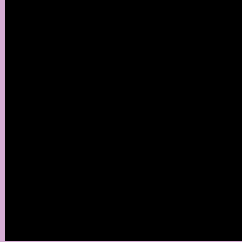
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 189.4060, 11.1388, 20.6919

## Background



This preview shows how black text looks on a background with the YUV color 189.4060, 11.1388, 20.6919.



This preview shows how white text looks on a background with the YUV color 189.4060, 11.1388,



# 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

189.4060, 11.1388, 20.6919

### Protanopia

186.4950, 16.0250, -6.5731

### Deuteranopia

187.5950, 11.0457, 3.8632



## Tritanopia

188.4630, 1.2507, 18.8879

# Trichromacy



## Original Color

189.4060, 11.1388, 20.6919

## Protanomaly

187.3930, 14.1033, 3.1633

## Deuteranomaly

188.3400, 11.1714, 10.2258

## Tritanomaly

189.0870, 4.8871, 19.2177

# Monochromacy



## Original Color

189.4060, 11.1388, 20.6919

## Achromatopsia

189.0000, 0.0000, 0.0000

## Achromatomaly

189.0810, 3.9041, 7.8220

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.4060, 11.1388, 20.6919 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(213, 173, 212)` looks like.

```
.text, #text, p{  
    color:rgb(213, 173, 212)  
}
```

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(213, 173, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 173, 212) }
```

## Border

The CSS property to change the border of an element to YUV 189.4060, 11.1388, 20.6919 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(213, 173, 212) }
```



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

```
.border{ border-color:rgb(213, 173, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 173, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 173, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 173, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 173,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 189.4060, 11.1388, 20.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 173, 212) }
```

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

```
.background{ background-color: rgb(213,  
173, 212) }
```

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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