

# Converting Colors

YUV(189.4700, 14.0653,  
15.3738)

Have a look what the booklet for  
YUV(189.4700, 14.0653, 15.3738)  
contains.

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# Color

**YUV(189.4700, 14.0653,  
15.3738)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFAFDA
RGB	207, 175, 218
RGB Percent	81%, 69%, 85%
CMY	0.1882, 0.3137, 0.1451
CMYK	0.05, 0.20, 0.00, 0.15
HSL	285°, 37%, 77%
HSV	285°, 20%, 85%
XYZ	53.7170, 48.9873, 72.9540
YIQ	189.4700, 5.2690, 20.1570

# Conversions

## Conversions Part 2

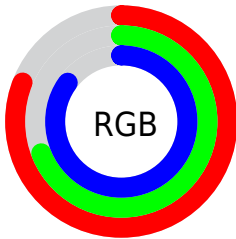
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 175, 218
Decimal	13610970
CIE Lab	75.44, 19.24, -17.35
CIE LCh	75, 25.905, 317.958
Yxy	48.9873, 0.3058, 0.2789
Android (android.graphics.Color)	4291801050 (0xFFCFAFDA)
YUV	189.4700, 14.0653, 15.3738
Hunter-Lab	69.9909, 14.5120, -12.8064

# Details

The YUV color **189.4700, 14.0653, 15.3738** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.5300, -14.0653, -15.3738**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **135.6440, 13.4865, 14.3442** is the 20% darker color. If you saturate the color by 10%, you get **174.7620, 21.3163, 23.0107**, and if you desaturate by 10%, it is **204.1780, 6.8142, 7.7369**.

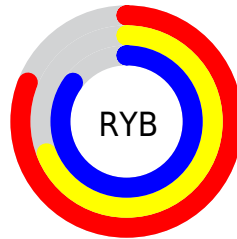
# Distribution



Red (81%)

Green (69%)

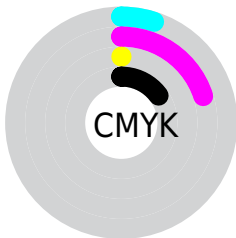
Blue (85%)



Red (81%)

Yellow (69%)

Blue (85%)

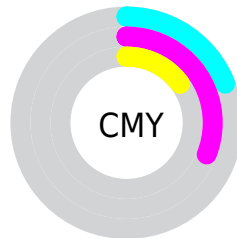


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (19%)

Magenta (31%)


Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 189.4700, 14.0653, 15.3738 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 189.4700, 14.0653, 15.3738 by changing the saturation by 10% instead.





 189.4700, 14.0653,  
15.3738


 189.4700, 14.0653,  
15.3738


255.0000, 0.0000,  
0.0000


 162.0570, 13.7759,  
14.8590


 240.9120, 6.9454,  
12.3552

 135.6440, 13.4865,  
14.3442

 110.2310, 13.1971,  
13.8294

 85.7040, 12.4709,  
13.4146

 62.2910, 12.1815,  
12.8998

 40.0520, 11.3134,  
11.3554

 17.7640, 11.4553,

12.4850

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 189.4700, 14.0653,  
15.3738

■ 189.4700, 14.0653,  
15.3738

■ 174.7620, 21.3163,  
23.0107

■ 204.1780, 6.8142,  
7.7369

■ 160.3530, 28.4200,  
31.2624

■ 218.5870, -0.2894,  
-0.5148

■ 146.2320, 35.3816,  
38.3845

■ 232.7080, -7.2510,  
-7.6369

■ 131.8230, 42.4853,  
46.6362

■ 243.0080,  
-12.3289, -12.2850

■ 117.1150, 49.7363,  
54.2731

■ 244.8020,  
-13.2134, -8.5964

■ 102.7060, 56.8399,  
62.5248

■ 246.2970,  
-13.9504, -5.5225

■ 87.9980, 64.0910,  
70.1618

■ 248.0910,  
-14.8349, -1.8338

■ 73.8770, 71.0526,  
77.2839

■ 249.8850,  
-15.7193, 1.8549

■ 73.2900, 71.3420,  
77.7987

■ 250.7820,  
-16.1615, 3.6992

# Harmonies

## Analogous

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



186.6780, 21.8507, -8.4876



189.4700, 14.0653, 15.3738



190.0070, 2.9545, 32.4429

# Triad

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



189.4700, 14.0653, 15.3738



185.5950, -22.4783, 23.1572



174.8950, 12.3768, -49.8969

# Complementary

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



189.4700, 14.0653, 15.3738



203.5300, -14.0653, -15.3738

# 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.



177.1280, -1.0491, -36.9463



189.4700, 14.0653, 15.3738



183.4140, -21.4031, 4.8989

# Square

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



189.4700, 14.0653, 15.3738



187.2360, -17.8643, 36.6270



180.0460, -13.3337, -16.7033



176.8980, 21.2493, -49.0225



# Rectangle

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



189.4700, 14.0653, 15.3738



189.6890, -4.7767, 38.8607



180.0460, -13.3337, -16.7033



175.1790, 8.2928, -46.6380

# Sweetspot

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



189.4700, 14.0653, 15.3738



244.9990, 4.9305, 5.2629



186.3590, 15.5990, -9.9618



121.8200, 3.0467, 2.7889



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.



189.4700, 14.0653, 15.3738



214.4090, 20.0114, 21.5663



191.6190, 8.0758, 23.1361



102.6460, 3.6255, 3.8185



58.2930, 56.5506, 62.0100



15.4100, 15.0809, 16.3034



# Inverse Universe

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



189.1110, -1.5337, 25.3357



213.9490, -2.4399, 36.0017



201.3810, -8.0758, -23.1361



102.5170, -0.7479, 6.5626



56.7430, -6.2823, 101.9574



15.1220, -1.5391, 27.0800



# Previews

## White Background



This preview shows how the YUV color 189.4700, 14.0653, 15.3738 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

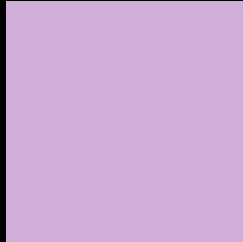
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.4700, 14.0653, 15.3738 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

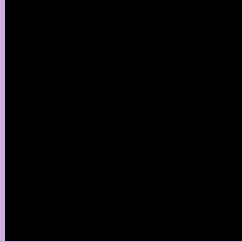
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 189.4700, 14.0653, 15.3738

## Background



This preview shows how black text looks on a background with the YUV color 189.4700, 14.0653, 15.3738.



This preview shows how white text looks on a background with the YUV color 189.4700, 14.0653,



# 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

189.4700, 14.0653, 15.3738

### Protanopia

186.4670, 18.5038, -8.3026

### Deuteranopia

187.4960, 14.5455, 1.3190



## Tritanopia

187.7720, 2.5774, 13.3550

# Trichromacy



## Original Color

189.4700, 14.0653, 15.3738

## Protanomaly

187.7670, 16.8769, 0.2043

## Deuteranomaly

188.4150, 14.0924, 6.6520

## Tritanomaly

188.5100, 6.6506, 13.5847

# Monochromacy



## Original Color

189.4700, 14.0653, 15.3738

## Achromatopsia

189.0000, 0.0000, 0.0000

## Achromatomaly

189.4120, 5.2199, 5.7777

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.4700, 14.0653, 15.3738 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(207, 175, 218)` looks like.

```
.text, #text, p{  
    color:rgb(207, 175, 218)  
}
```

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(207, 175, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 175, 218) }
```

## Border

The CSS property to change the border of an element to YUV 189.4700, 14.0653, 15.3738 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(207, 175, 218) }
```



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

```
.border{ border-color:rgb(207, 175, 218) }
```

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

Here you see how a box with a 4 pixel rgb(207, 175, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 175, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 175, 218);  
box-shadow:4px 4px 4px 4px rgb(207, 175,  
218) }
```

# Background

The CSS property to change the background color of an element to YUV 189.4700, 14.0653, 15.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 175, 218) }
```

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

```
.background{ background-color: rgb(207,  
175, 218) }
```

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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