

# Converting Colors

YUV(180.0800, -4.4764,  
35.8868)

Have a look what the booklet for  
YUV(180.0800, -4.4764, 35.8868)  
contains.

<b>YUV(180.0800, -4.4764, 35.8868)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(180.0800, -4.4764,  
35.8868)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDA1AB
RGB	221, 161, 171
RGB Percent	87%, 63%, 67%
CMY	0.1333, 0.3686, 0.3294
CMYK	0.00, 0.27, 0.23, 0.13
HSL	350°, 47%, 75%
HSV	350°, 27%, 87%
XYZ	49.9143, 43.8022, 44.3520
YIQ	180.0800, 32.5500, 15.8300

# Conversions

## Conversions Part 2

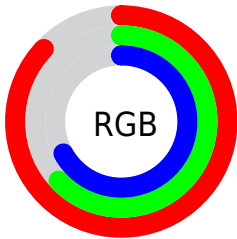
Format	Color
R <sub>Y</sub> B	221, 161, 171
Decimal	14524843
CIE Lab	72.10, 23.67, 3.63
CIE LCh	72, 23.949, 8.725
Yxy	43.8022, 0.3615, 0.3172
Android (android.graphics.Color)	4292714923 (0xFFDDA1AB)
YUV	180.0800, -4.4764, 35.8868
Hunter-Lab	66.1832, 18.8013, 6.5957

# Details

The YUV color **180.0800, -4.4764, 35.8868** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.9200, 4.4764, -35.8868**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8010, -1.3809, 22.9765**, and **126.8840, -3.8868, 33.4277** is the 20% darker color. If you saturate the color by 10%, you get **165.1140, -5.9722, 49.0120**, and if you desaturate by 10%, it is **195.0460, -2.9807, 22.7617**.

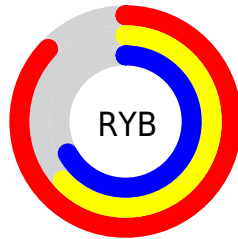
# Distribution



Red (87%)

Green (63%)

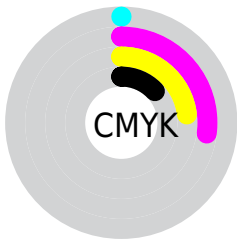
Blue (67%)



Red (87%)

Yellow (63%)

Blue (67%)

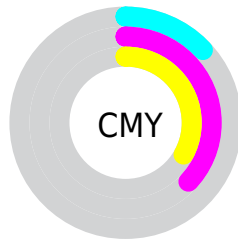


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (13%)



Cyan (13%)

Magenta (37%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 180.0800, -4.4764, 35.8868 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 180.0800, -4.4764, 35.8868 by changing the saturation by 10% instead.





 180.0800, -4.4764,  
35.8868


 180.0800, -4.4764,  
35.8868

255.0000, 0.0000,  
0.0000


 153.4820, -4.1816,  
34.6573


 228.8010, -1.3809,  
22.9765


 126.8840, -3.8868,  
33.4277

 249.1300, 2.8939,  
5.1480

 101.2860, -3.5920,  
32.1982

 76.5030, -2.7130,  
30.2539

 52.9050, -2.4182,  
29.0243

 30.2360, -1.1023,  
26.9800

 12.2590, -6.0437,

25.2059

■ 0.0000, 0.0000,  
0.0000

■ 180.0800, -4.4764,  
35.8868

■ 180.0800, -4.4764,  
35.8868

■ 165.1140, -5.9722,  
49.0120

■ 195.0460, -2.9807,  
22.7617

■ 150.0340, -7.9048,  
62.2372

■ 210.1260, -1.0481,  
9.5365

■ 135.0680, -9.4005,  
75.3624

■ 225.0920, 0.4476,  
-3.5887

■ 119.9880,  
-11.3331, 88.5875

■ 240.1720, 2.3802,  
-16.8138

■ 105.0220,  
-12.8288, 101.7127

■ 244.8340, 5.0118,  
-20.9024

■ 89.4690, -14.0352,  
115.3527

■ 74.3890, -15.9678,  
128.5778

■ 70.2970, -16.4154,  
132.1665

# Harmonies

## Analogous

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



180.4730, 6.1758, 25.8952



180.0800, -4.4764, 35.8868



178.8490, -14.2226, 35.2124

# Triad

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



180.0800, -4.4764, 35.8868



172.6340, -15.1026, -9.3260



171.3280, 22.5163, -35.3677

# Complementary

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



180.0800, -4.4764, 35.8868



201.9200, 4.4764, -35.8868

# 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.



167.8830, 17.3127, -46.3784



180.0800, -4.4764, 35.8868



169.8580, -4.8600, -27.9395

# Square

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



180.0800, -4.4764, 35.8868



174.9740, -20.6932, 10.5468



167.3860, 7.6977, -42.4345



176.5200, 21.4356, -15.3650



# Rectangle

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



180.0800, -4.4764, 35.8868



177.9640, -18.7163, 29.8496



167.3860, 7.6977, -42.4345



169.9530, 21.2222, -40.3008

# Sweetspot

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



180.0800, -4.4764, 35.8868



241.3220, -1.6377, 11.9956



182.7900, 18.8375, 24.7402



119.1150, -1.0427, 7.7921



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.



180.0800, -4.4764, 35.8868



197.7120, -6.2670, 50.2416



190.6800, -14.6322, 26.5906



102.5170, -0.7479, 6.5626



55.0330, -12.8343, 103.4571



14.6660, -3.2863, 27.4799



# Inverse Universe

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



180.0800, -4.4764, 35.8868



197.7120, -6.2670, 50.2416



191.3200, 14.6322, -26.5906



102.5170, -0.7479, 6.5626



55.0330, -12.8343, 103.4571



14.6660, -3.2863, 27.4799



# Previews

## White Background



This preview shows how the YUV color 180.0800, -4.4764, 35.8868 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

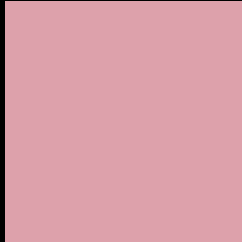
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.0800, -4.4764, 35.8868 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

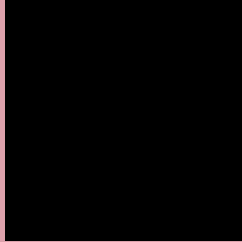
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 180.0800, -4.4764, 35.8868

## Background



This preview shows how black text looks on a background with the YUV color 180.0800, -4.4764, 35.8868.



This preview shows how white text looks on a background with the YUV color 180.0800, -4.4764,

35.8868.

# 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

180.0800, -4.4764, 35.8868

### Protanopia

177.3530, 1.3050, 1.4444

### Deuteranopia

178.5460, -4.7062, 16.1842



## Tritanopia

180.3080, -3.6028, 35.6869

# Trichromacy



## Original Color

180.0800, -4.4764, 35.8868

## Protanomaly

178.5610, -0.7696, 13.5400

## Deuteranomaly

179.0030, -4.4385, 23.6764

## Tritanomaly

180.1940, -4.0396, 35.7869

# Monochromacy



## Original Color

180.0800, -4.4764, 35.8868

## Achromatopsia

180.0000, 0.0000, 0.0000

## Achromatomaly

180.0340, -1.4958, 13.1252

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.0800, -4.4764, 35.8868 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(221, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(221, 161, 171)  
}
```

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(221, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 161, 171) }
```

## Border

The CSS property to change the border of an element to YUV 180.0800, -4.4764, 35.8868 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(221, 161, 171) }
```



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

```
.border{ border-color:rgb(221, 161, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 161, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 161, 171);  
box-shadow:4px 4px 4px 4px rgb(221, 161,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 180.0800, -4.4764, 35.8868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 161, 171) }
```

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

```
.background{ background-color: rgb(221,  
161, 171) }
```

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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