

# Converting Colors

YUV(185.7860, -5.3175,  
25.6207)

Have a look what the booklet for  
YUV(185.7860, -5.3175, 25.6207)  
contains.

<b>YUV(185.7860, -5.3175, 25.6207)</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(185.7860, -5.3175,  
25.6207)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7ADAF
RGB	215, 173, 175
RGB Percent	84%, 68%, 69%
CMY	0.1569, 0.3216, 0.3137
CMYK	0.00, 0.20, 0.19, 0.16
HSL	357°, 34%, 76%
HSV	357°, 20%, 84%
XYZ	50.7058, 47.4294, 47.0397
YIQ	185.7860, 24.3900, 9.5260

# Conversions

## Conversions Part 2

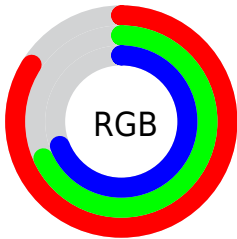
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 173, 175
Decimal	14134703
CIE <sub>Lab</sub>	74.46, 15.59, 4.78
CIE <sub>LCh</sub>	74, 16.304, 17.043
Yxy	47.4294, 0.3493, 0.3267
Android (android.graphics.Color)	4292324783 (0xFFD7ADAF)
YUV	185.7860, -5.3175, 25.6207
Hunter-Lab	68.8690, 10.9025, 7.7113

# Details

The YUV color  $185.7860, -5.3175, 25.6207$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $202.2140, 5.3175, -25.6207$ , and the grayscale version is  $186.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $236.8880, -3.3958, 15.8842$ , and  $132.8890, -4.8753, 23.7763$  is the 20% darker color. If you saturate the color by 10%, you get  $171.1790, -7.9762, 38.4310$ , and if you desaturate by 10%, it is  $200.9800, -2.9481, 12.2955$ .

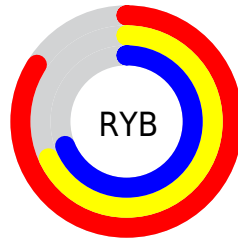
# Distribution



Red (84%)

Green (68%)

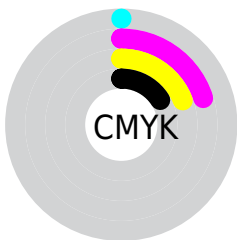
Blue (69%)



Red (84%)

Yellow (68%)

Blue (69%)

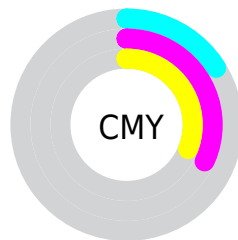


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.7860, -5.3175, 25.6207 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 185.7860, -5.3175, 25.6207 by changing the saturation by 10% instead.



■ 185.7860, -5.3175,  
25.6207

■ 185.7860, -5.3175,  
25.6207

255.0000, 0.0000,  
0.0000

■ 158.4870, -5.1701,  
25.0059

■ 236.8880, -3.3958,  
15.8842

■ 132.8890, -4.8753,  
23.7763

■ 107.2910, -4.5805,  
22.5468

■ 82.6930, -4.2856,  
21.3172

■ 59.2090, -3.5540,  
19.9877

■ 36.6110, -3.2592,  
18.7582

■ 14.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,  
0.0000

■ 185.7860, -5.3175,  
25.6207

■ 185.7860, -5.3175,  
25.6207

■ 171.1790, -7.9762,  
38.4310

■ 200.9800, -2.9481,  
12.2955

■ 155.8710,  
-10.7824, 51.8561

■ 215.7010, 0.1474,  
-0.6148

■ 141.2640,  
-13.4412, 64.6665

■ 230.8950, 2.5168,  
-13.9399

■ 125.9560,  
-16.2473, 78.0916

■ 243.0400, 5.8963,  
-24.5911

■ 111.3490,  
-18.9061, 90.9019

■ 96.0410, -21.7122,  
104.3270

■ 81.4340, -24.3710,  
117.1374

■ 66.1260, -27.1771,  
130.5625

■ 65.4250, -27.3245,  
131.1773

# Harmonies

## Analogous

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



186.0010, 1.9715, 21.0471



185.7860, -5.3175, 25.6207



184.5810, -11.1324, 24.0465

# Triad

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



185.7860, -5.3175, 25.6207



179.9420, -8.8454, -9.5961



180.8910, 15.3367, -19.1984

# Complementary

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



185.7860, -5.3175, 25.6207



202.2140, 5.3175, -25.6207

# 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.



178.5540, 13.0379, -28.5499



185.7860, -5.3175, 25.6207



178.5150, -1.2399, -22.3767

# Square

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



185.7860, -5.3175, 25.6207



181.7650, -13.6881, 3.7141



177.8330, 6.4913, -28.7945



184.2240, 13.6936, -5.4584



# Rectangle

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



185.7860, -5.3175, 25.6207



183.8640, -13.7370, 19.4133



177.8330, 6.4913, -28.7945



180.3420, 14.6214, -23.1019

# Sweetspot

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



185.7860, -5.3175, 25.6207



244.4850, -2.2111, 9.2217



189.7480, 12.4492, 20.3920



121.6910, -1.3267, 5.5330



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.



185.7860, -5.3175, 25.6207



213.9830, -7.3866, 35.9719



196.7110, -11.6895, 16.0395



99.4030, -1.1847, 6.6626



52.0410, -21.7122, 104.3270



13.0850, -5.4649, 26.2355



# Inverse Universe

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



185.7860, -5.3175, 25.6207



213.9830, -7.3866, 35.9719



191.2890, 11.6895, -16.0395



99.4030, -1.1847, 6.6626



52.0410, -21.7122, 104.3270

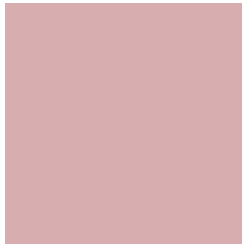


13.0850, -5.4649, 26.2355



# Previews

## White Background



This preview shows how the YUV color 185.7860, -5.3175, 25.6207 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

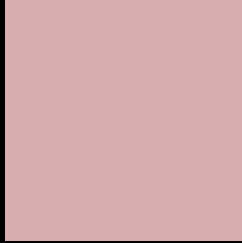
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 185.7860, -5.3175, 25.6207 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

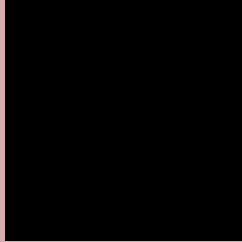
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 185.7860, -5.3175, 25.6207

## Background



This preview shows how black text looks on a background with the YUV color 185.7860, -5.3175, 25.6207.



This preview shows how white text looks on a background with the YUV color 185.7860, -5.3175,



# 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

185.7860, -5.3175, 25.6207

### Protanopia

183.8540, -1.9000, 2.7590

### Deuteranopia

185.0300, -5.4378, 17.5137



## Tritanopia

186.0510, -0.5181, 26.2653

# Trichromacy



## Original Color

185.7860, -5.3175, 25.6207

## Protanomaly

184.2680, -3.0901, 11.1660

## Deuteranomaly

185.6390, -5.7380, 20.4876

## Tritanomaly

186.1820, -2.5547, 26.1504

# Monochromacy



## Original Color

185.7860, -5.3175, 25.6207

## Achromatopsia

186.0000, 0.0000, 0.0000

## Achromatomaly

185.8980, -1.9217, 9.7365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.7860, -5.3175, 25.6207 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, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(215, 173, 175)  
}
```

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, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 173, 175) }
```

## Border

The CSS property to change the border of an element to YUV 185.7860, -5.3175, 25.6207 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, 173, 175) }
```



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

```
.border{ border-color:rgb(215, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(215, 173,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 185.7860, -5.3175, 25.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 173, 175) }
```

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

```
.background{ background-color: rgb(215,  
173, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor