

# Converting Colors

YUV(186.2670, 5.2914, 29.5838)

Have a look what the booklet for  
YUV(186.2670, 5.2914, 29.5838)  
contains.

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# Color

**YUV(186.2670, 5.2914,  
29.5838)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCA7C5
RGB	220, 167, 197
RGB Percent	86%, 65%, 77%
CMY	0.1373, 0.3451, 0.2275
CMYK	0.00, 0.24, 0.10, 0.14
HSL	326°, 43%, 76%
HSV	326°, 24%, 86%
XYZ	53.4120, 46.8843, 59.0578
YIQ	186.2670, 21.9580, 20.5660

# Conversions

## Conversions Part 2

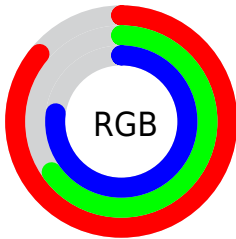
Format	Color
R <sub>Y</sub> B	220, 167, 197
Decimal	14460869
CIE Lab	74.12, 24.18, -7.73
CIE LCh	74, 25.384, 342.262
Yxy	46.8843, 0.3352, 0.2942
Android (android.graphics.Color)	4292650949 (0xFFDCA7C5)
YUV	186.2670, 5.2914, 29.5838
Hunter-Lab	68.4721, 19.4135, -3.2077

# Details

The YUV color **186.2670, 5.2914, 29.5838** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **200.7330, -5.2914, -29.5838**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5150, 9.1131, 17.0883**, and **132.8430, 5.0074, 27.3247** is the 20% darker color. If you saturate the color by 10%, you get **172.2130, 7.2900, 41.9092**, and if you desaturate by 10%, it is **200.3210, 3.2927, 17.2585**.

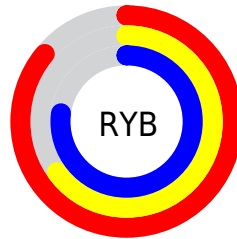
# Distribution



Red (86%)

Green (65%)

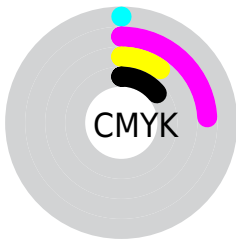
Blue (77%)



Red (86%)

Yellow (65%)

Blue (77%)

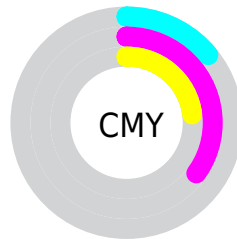


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 186.2670, 5.2914, 29.5838 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 186.2670, 5.2914, 29.5838 by changing the saturation by 10% instead.



 186.2670, 5.2914,  
29.5838

 186.2670, 5.2914,  
29.5838

255.0000, 0.0000,  
0.0000


 158.9680, 5.4388,  
28.9691

 235.5150, 9.1131,  
17.0883


 132.8430, 5.0074,  
27.3247

 252.6520, 1.1576,  
2.0592

 107.5440, 5.1548,  
26.7099

 82.8320, 5.0128,  
25.5803

 59.1200, 4.8708,  
24.4508

 35.6360, 5.6025,  
23.1212

 14.9240, 5.4605,

21.9917

0.0000, 0.0000,  
0.0000

186.2670, 5.2914,  
29.5838

186.2670, 5.2914,  
29.5838

172.2130, 7.2900,  
41.9092

200.3210, 3.2927,  
17.2585

158.2730, 9.7254,  
54.1346

214.2610, 0.8573,  
5.0331

144.2190, 11.7240,  
66.4599

228.3150, -1.1413,  
-7.2923

130.2790, 14.1595,  
78.6853

242.2550, -3.5767,  
-19.5176

116.2250, 16.1581,  
91.0107

243.3950, 0.7913,  
-20.5174

■ 102.2850, 18.5935,  
103.2361

■ 244.4210, 4.7224,  
-21.4172

■ 88.2310, 20.5921,  
115.5614

■ 244.5350, 5.1592,  
-21.5172

■ 80.0300, 22.1702,  
122.7537

# Harmonies

## Analogous

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



185.4910, 15.5339, 10.9704



186.2670, 5.2914, 29.5838



185.3470, -6.0871, 39.1607

# Triad

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



186.2670, 5.2914, 29.5838



180.4360, -21.4139, 8.3876



172.2570, 20.0863, -49.3374

# Complementary

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



186.2670, 5.2914, 29.5838



200.7330, -5.2914, -29.5838

# 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.



171.5210, 9.6031, -46.9379



186.2670, 5.2914, 29.5838



177.0250, -14.8023, -12.2999

# Square

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



186.2670, 5.2914, 29.5838



182.4320, -21.9050, 25.9311



173.8790, -3.3913, -32.3429



176.7840, 24.2635, -35.7676



# Rectangle

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



186.2670, 5.2914, 29.5838



184.5120, -13.0704, 39.0160



173.8790, -3.3913, -32.3429



172.3340, 16.5973, -50.2819

# Sweetspot

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



186.2670, 5.2914, 29.5838



243.5220, 1.7147, 10.0662



179.9190, 19.7599, 8.8410



120.9730, 0.9993, 6.1627



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.



186.2670, 5.2914, 29.5838



207.9140, 7.4374, 41.2944



183.3030, -6.0654, 32.1833



102.9730, 0.9993, 6.1627



62.8990, 17.3048, 96.5586



16.7180, 4.5760, 25.6803



# Inverse Universe

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



186.2670, 5.2914, 29.5838



207.9140, 7.4374, 41.2944



203.6970, 6.0654, -32.1833



102.9730, 0.9993, 6.1627



62.8990, 17.3048, 96.5586



16.7180, 4.5760, 25.6803



# Previews

## White Background



This preview shows how the YUV color 186.2670, 5.2914, 29.5838 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

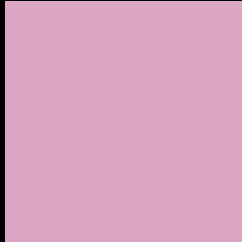
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.2670, 5.2914, 29.5838 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

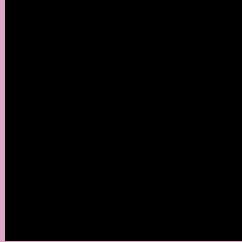
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 186.2670, 5.2914, 29.5838

## Background



This preview shows how black text looks on a background with the YUV color 186.2670, 5.2914, 29.5838.



This preview shows how white text looks on a background with the YUV color 186.2670, 5.2914,



# 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

186.2670, 5.2914, 29.5838

### Protanopia

183.2520, 11.2148, -3.7290

### Deuteranopia

184.1350, 5.3564, 8.6516



## Tritanopia

185.2470, -1.1078, 28.7244

# Trichromacy



## Original Color

186.2670, 5.2914, 29.5838

## Protanomaly

184.4600, 9.1402, 8.3666

## Deuteranomaly

184.5920, 5.6241, 16.1438

## Tritanomaly

185.5290, 1.2182, 29.3541

# Monochromacy



## Original Color

186.2670, 5.2914, 29.5838

## Achromatopsia

186.0000, 0.0000, 0.0000

## Achromatomaly

185.9350, 2.0040, 10.5810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.2670, 5.2914, 29.5838 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(220, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(220, 167, 197)  
}
```

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(220, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 167, 197) }
```

## Border

The CSS property to change the border of an element to YUV 186.2670, 5.2914, 29.5838 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(220, 167, 197) }
```



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

```
.border{ border-color:rgb(220, 167, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 167, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 167, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 167, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 167,  
197) }
```

# Background

The CSS property to change the background color of an element to YUV 186.2670, 5.2914, 29.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 167, 197) }
```

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

```
.background{ background-color: rgb(220,  
167, 197) }
```

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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