

# Converting Colors

YUV(134.6910, -4.2847,  
67.8000)

Have a look what the booklet for  
YUV(134.6910, -4.2847, 67.8000)  
contains.

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# Color

**YUV(134.6910, -4.2847,  
67.8000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4617E
RGB	212, 97, 126
RGB Percent	83%, 38%, 49%
CMY	0.1686, 0.6196, 0.5059
CMYK	0.00, 0.54, 0.41, 0.17
HSL	345°, 57%, 61%
HSV	345°, 54%, 83%
XYZ	35.1920, 24.0528, 22.5265
YIQ	134.6910, 59.2310, 33.3990

# Conversions

## Conversions Part 2

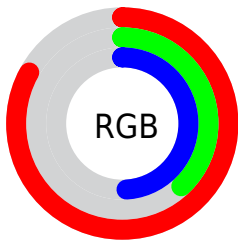
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 97, 126
Decimal	13918590
CIE <sub>Lab</sub>	56.14, 48.09, 6.09
CIE <sub>LCh</sub>	56, 48.470, 7.221
Yxy	24.0528, 0.4304, 0.2941
Android (android.graphics.Color)	4292108670 (0xFFD4617E)
YUV	134.6910, -4.2847, 67.8000
Hunter-Lab	49.0436, 42.2588, 7.0978

# Details

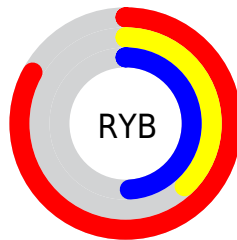
The YUV color **134.6910, -4.2847, 67.8000** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **174.3090, 4.2847, -67.8000**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2880, -3.1000, 61.1374**, and **80.0650, -1.5110, 64.8410** is the 20% darker color. If you saturate the color by 10%, you get **120.5400, -5.1962, 80.2104**, and if you desaturate by 10%, it is **148.8420, -3.3731, 55.3896**.

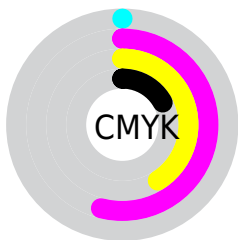
# Distribution



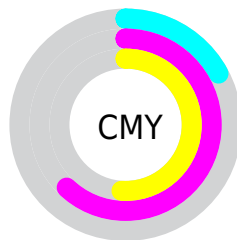
- Red (83%)
- Green (38%)
- Blue (49%)



- Red (83%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (54%)
- Yellow (41%)
- Black (17%)




- Cyan (17%)
- Magenta (62%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 134.6910, -4.2847, 67.8000 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 134.6910, -4.2847, 67.8000 by changing the saturation by 10% instead.




 134.6910, -4.2847,  
67.8000


 134.6910, -4.2847,  
67.8000


255.0000, 0.0000,  
0.0000

 107.3210, -3.1163,  
66.3705

 185.2880, -3.1000,  
61.1374

 80.0650, -1.5110,  
64.8410


 204.8020, 0.5906,  
44.0236


 48.3410, 3.2829,  
67.2299

 224.4300, 4.7180,  
26.8099

 32.8790, 0.5527,  
56.2341

 243.8470, 5.4984,  
9.7812

 22.0700, -5.9505,  
42.0346

 13.2700, -6.0491,  
26.9502

 0.0000, 0.0000,

0.0000

■ 134.6910, -4.2847,  
67.8000

■ 134.6910, -4.2847,  
67.8000

■ 120.5400, -5.1962,  
80.2104

■ 148.8420, -3.3731,  
55.3896

■ 106.3890, -6.1078,  
92.6208

■ 162.9930, -2.4615,  
42.9791

■ 91.6510, -6.7299,  
105.5461

■ 177.7310, -1.8394,  
30.0539

■ 77.6140, -7.2047,  
117.8565

■ 191.7680, -1.3646,  
17.7435

■ 69.4300, -8.1000,  
125.0339

■ 205.9190, -0.4531,  
5.3330

■ 220.0700, 0.4585,  
-7.0774

■ 234.2210, 1.3700,  
-19.4878

■ 241.9150, 5.4649,  
-26.2355

■ 242.1430, 6.3385,  
-26.4354

# Harmonies

## Analogous

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



137.6190, 14.9778, 49.4461



134.6910, -4.2847, 67.8000



133.3320, -23.3347, 64.6068

# Triad

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



134.6910, -4.2847, 67.8000



124.6810, -29.9157, -18.1372



111.0440, 49.7713, -97.3856

# Complementary

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



134.6910, -4.2847, 67.8000



174.3090, 4.2847, -67.8000

# 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.



111.3740, 35.8046, -97.6750



134.6910, -4.2847, 67.8000



111.0780, -5.4615, -68.4744

# Square

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



134.6910, -4.2847, 67.8000



129.3280, -41.0807, 16.3753



107.4010, 18.0433, -94.1907



126.5110, 45.1041, -46.9291



# Rectangle

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



134.6910, -4.2847, 67.8000



132.5080, -33.7744, 53.0515



107.4010, 18.0433, -94.1907



111.4200, 46.1349, -97.7153

# Sweetspot

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



134.6910, -4.2847, 67.8000



227.3990, -1.6757, 24.2061



135.2260, 37.8496, 40.1438



111.1590, -1.0644, 14.7696



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.



134.6910, -4.2847, 67.8000



143.4220, -6.1240, 97.8539



147.2340, -24.7654, 56.7998



99.6310, -0.3111, 6.4626



56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357



# Inverse Universe

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



134.6910, -4.2847, 67.8000



143.4220, -6.1240, 97.8539



161.7660, 24.7654, -56.7998



99.6310, -0.3111, 6.4626



56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357



# Previews

## White Background



This preview shows how the YUV color 134.6910, -4.2847, 67.8000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

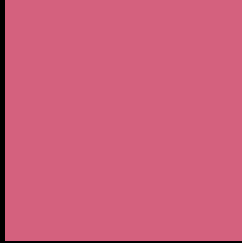
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.6910, -4.2847, 67.8000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

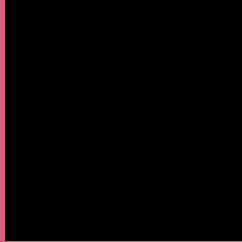
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 134.6910, -4.2847, 67.8000

## Background



This preview shows how black text looks on a background with the YUV color 134.6910, -4.2847, 67.8000.



This preview shows how white text looks on a background with the YUV color 134.6910, -4.2847,

67.8000.

# 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

134.6910, -4.2847, 67.8000

### Protanopia

135.4820, 5.6784, -1.2997

### Deuteranopia

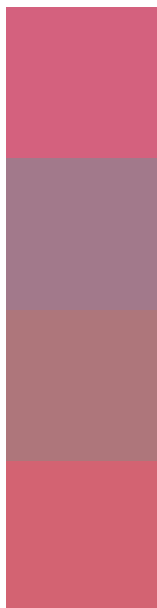
135.8510, -7.3215, 15.0397



## Tritanopia

133.9870, -13.3046, 67.5404

# Trichromacy



## Original Color

134.6910, -4.2847, 67.8000

## Protanomaly

135.3110, 1.8187, 23.4063

## Deuteranomaly

135.3140, -6.0708, 33.9276

## Tritanomaly

134.1980, -9.9576, 67.3554

# Monochromacy



## Original Color

134.6910, -4.2847, 67.8000

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.8120, -1.3863, 24.7209

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.6910, -4.2847, 67.8000 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(212, 97, 126)` looks like.

```
.text, #text, p{  
    color:rgb(212, 97, 126)  
}
```

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(212, 97, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 97, 126) }
```

## Border

The CSS property to change the border of an element to YUV 134.6910, -4.2847, 67.8000 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(212, 97, 126) }
```



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

```
.border{ border-color:rgb(212, 97, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 97, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 97, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 97, 126);  
box-shadow:4px 4px 4px 4px rgb(212, 97,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 134.6910, -4.2847, 67.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 97, 126) }
```

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

```
.background{ background-color: rgb(212, 97,  
126) }
```

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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