

# Converting Colors

YUV(170.8650, 4.9966, 30.8134)

Have a look what the booklet for  
YUV(170.8650, 4.9966, 30.8134)  
contains.

<b>YUV(170.8650, 4.9966, 30.8134)</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(170.8650, 4.9966,  
30.8134)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE97B5
RGB	206, 151, 181
RGB Percent	81%, 59%, 71%
CMY	0.1922, 0.4078, 0.2902
CMYK	0.00, 0.27, 0.12, 0.19
HSL	327°, 36%, 70%
HSV	327°, 27%, 81%
XYZ	44.8607, 38.5912, 48.8005
YIQ	170.8650, 23.1500, 20.9900

# Conversions

## Conversions Part 2

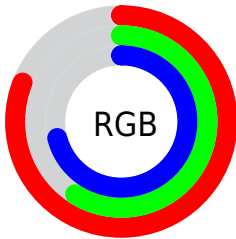
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 151, 181
Decimal	13539253
CIE <sub>Lab</sub>	68.45, 25.27, -7.45
CIE <sub>LCh</sub>	68, 26.343, 343.582
Yxy	38.5912, 0.3392, 0.2918
Android (android.graphics.Color)	4291729333 (0xFFCE97B5)
YUV	170.8650, 4.9966, 30.8134
Hunter-Lab	62.1218, 20.1889, -3.0906

# Details

The YUV color **170.8650, 4.9966, 30.8134** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.1350, -4.9966, -30.8134**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1850, 6.3178, 27.0248**, and **117.8540, 5.0020, 29.0690** is the 20% darker color. If you saturate the color by 10%, you get **157.5120, 7.1426, 42.5240**, and if you desaturate by 10%, it is **184.2180, 2.8505, 19.1028**.

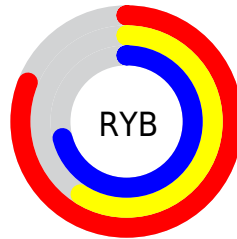
# Distribution



Red (81%)

Green (59%)

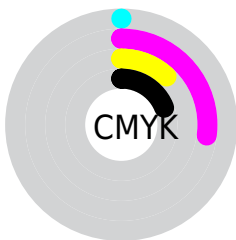
Blue (71%)



Red (81%)

Yellow (59%)

Blue (71%)

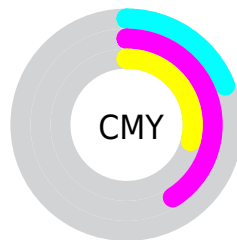


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (41%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 170.8650, 4.9966, 30.8134 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 170.8650, 4.9966, 30.8134 by changing the saturation by 10% instead.




 170.8650, 4.9966,  
30.8134

 170.8650, 4.9966,  
30.8134


255.0000, 0.0000,  
0.0000


 144.1530, 4.8546,  
29.6838


 224.1850, 6.3178,  
27.0248


 117.8540, 5.0020,  
29.0690

 242.6730, 6.0772,  
10.8108

 93.1420, 4.8600,  
27.9395

 69.1310, 4.8654,  
26.1951

 45.5330, 5.1602,  
24.9656

 22.4620, 6.1812,  
24.1508

 10.3380, 0.8194,

17.2436

■ 0.0000, 0.0000,  
0.0000

■ 170.8650, 4.9966,  
30.8134

■ 170.8650, 4.9966,  
30.8134

■ 157.5120, 7.1426,  
42.5240

■ 184.2180, 2.8505,  
19.1028

■ 144.6320, 8.5624,  
53.8197

■ 197.0980, 1.4307,  
7.8071

■ 131.2790, 10.7085,  
65.5303

■ 210.4510, -0.7153,  
-3.9035

■ 118.5130, 12.5651,  
76.7261

■ 223.2170, -2.5720,  
-15.0993

■ 105.0460, 14.2743,  
88.5367

■ 236.6840, -4.2812,  
-26.9099

■ 91.6930, 16.4204,  
100.2472

■ 238.2970, -0.6394,  
-28.3245

■ 78.8130, 17.8402,  
111.5430

■ 239.4370, 3.7286,  
-29.3242

■ 74.3620, 18.5555,  
115.4465

■ 240.3490, 7.2229,  
-30.1241

# Harmonies

## Analogous

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



170.2030, 15.6759, 12.1000



170.8650, 4.9966, 30.8134



170.2330, -6.5239, 39.2607

# Triad

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



170.8650, 4.9966, 30.8134



164.6100, -21.9927, 7.3580



156.1750, 21.1127, -51.8965

# Complementary

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



170.8650, 4.9966, 30.8134



186.1350, -4.9966, -30.8134

# 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.



155.4390, 10.6296, -49.4970



170.8650, 4.9966, 30.8134



161.4270, -14.5075, -13.5295

# Square

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



170.8650, 4.9966, 30.8134



167.0190, -22.1944, 25.4163



158.0960, -2.5123, -34.2872



161.3000, 24.9951, -37.0971



# Rectangle

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



170.8650, 4.9966, 30.8134



169.3980, -13.5072, 39.1160



158.0960, -2.5123, -34.2872



155.3660, 18.0606, -52.9410

# Sweetspot

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



170.8650, 4.9966, 30.8134



242.2340, 1.8566, 11.1958



164.7450, 20.3387, 9.8706



119.6850, 1.1413, 7.2923



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.



170.8650, 4.9966, 30.8134



202.6480, 7.5685, 45.9127



167.7870, -6.7970, 33.5128



95.5600, 0.7099, 5.6479



59.8940, 14.8423, 93.0550



13.7560, 3.5713, 21.2620



# Inverse Universe

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



170.8650, 4.9966, 30.8134



202.6480, 7.5685, 45.9127



189.2130, 6.7970, -33.5128



95.5600, 0.7099, 5.6479



59.8940, 14.8423, 93.0550



13.7560, 3.5713, 21.2620



# Previews

## White Background



This preview shows how the YUV color 170.8650, 4.9966, 30.8134 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

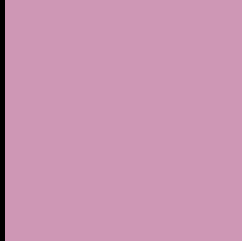
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 170.8650, 4.9966, 30.8134 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 170.8650, 4.9966, 30.8134 Background



This preview shows how black text looks on a background with the YUV color 170.8650, 4.9966, 30.8134.



This preview shows how white text looks on a background with the YUV color 170.8650, 4.9966,



# 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

170.8650, 4.9966, 30.8134

### Protanopia

167.8390, 10.9254, -4.2438

### Deuteranopia

168.7220, 5.0671, 8.1368



## Tritanopia

170.3180, -2.1288, 29.5391

# Trichromacy



## Original Color

170.8650, 4.9966, 30.8134

## Protanomaly

169.3460, 8.7034, 8.4666

## Deuteranomaly

169.4780, 5.1873, 16.2438

## Tritanomaly

170.6000, 0.1972, 30.1688

# Monochromacy



## Original Color

170.8650, 4.9966, 30.8134

## Achromatopsia

171.0000, 0.0000, 0.0000

## Achromatomaly

171.2340, 1.8566, 11.1958

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.8650, 4.9966, 30.8134 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(206, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(206, 151, 181)  
}
```

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(206, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 151, 181) }
```

## Border

The CSS property to change the border of an element to YUV 170.8650, 4.9966, 30.8134 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(206, 151, 181) }
```



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

```
.border{ border-color:rgb(206, 151, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 151, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(206, 151,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 170.8650, 4.9966, 30.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 151, 181) }
```

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

```
.background{ background-color: rgb(206,  
151, 181) }
```

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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