

# Converting Colors

YUV(166.5400, 8.1148, 57.4084)

Have a look what the booklet for  
YUV(166.5400, 8.1148, 57.4084)  
contains.

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# Color

**YUV(166.5400, 8.1148,  
57.4084)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E882B7
RGB	232, 130, 183
RGB Percent	91%, 51%, 72%
CMY	0.0902, 0.4902, 0.2824
CMYK	0.00, 0.44, 0.21, 0.09
HSL	329°, 69%, 71%
HSV	329°, 44%, 91%
XYZ	49.8086, 36.5400, 49.2275
YIQ	166.5400, 43.7790, 38.1070

# Conversions

## Conversions Part 2

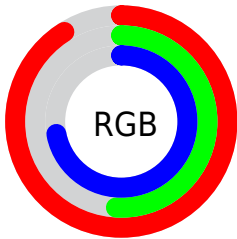
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 130, 183
Decimal	15237815
CIE Lab	66.93, 45.65, -10.52
CIE LCh	67, 46.849, 347.026
Yxy	36.5400, 0.3674, 0.2695
Android (android.graphics.Color)	4293427895 (0xFFE882B7)
YUV	166.5400, 8.1148, 57.4084
Hunter-Lab	60.4483, 41.2971, -5.9704

# Details

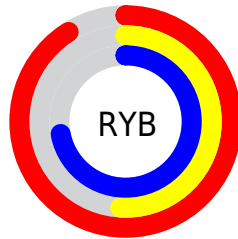
The YUV color **166.5400, 8.1148, 57.4084** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **195.4600, -8.1148, -57.4084**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0860, 13.2686, 37.6356**, and **112.0450, 8.8518, 54.3345** is the 20% darker color. If you saturate the color by 10%, you get **151.7850, 9.9660, 70.3486**, and if you desaturate by 10%, it is **181.2950, 6.2636, 44.4683**.

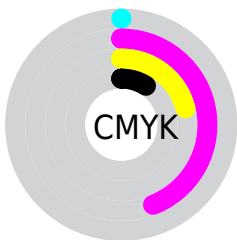
# Distribution



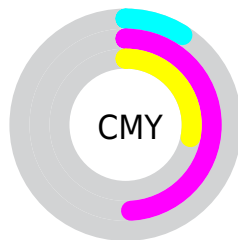
- Red (91%)
- Green (51%)
- Blue (72%)



- Red (91%)
- Yellow (51%)
- Blue (72%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 166.5400, 8.1148, 57.4084 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 166.5400, 8.1148, 57.4084 by changing the saturation by 10% instead.



166.5400, 8.1148,  
57.4084

166.5400, 8.1148,  
57.4084

255.0000, 0.0000,  
0.0000

138.9420, 8.4096,  
56.1789

212.0860, 13.2686,  
37.6356

112.0450, 8.8518,  
54.3345

230.3460, 12.1544,  
21.6216

85.5610, 9.5834,  
53.0050

247.3690, 3.7621,  
6.6924

57.7290, 11.4726,  
53.7347

34.1200, 11.7728,  
50.7608

23.8380, 5.9959,  
36.9761

14.4530, -0.2233,

25.0357

■ 0.0000, 0.0000,  
0.0000

■ 166.5400, 8.1148,  
57.4084

■ 166.5400, 8.1148,  
57.4084

■ 151.7850, 9.9660,  
70.3486

■ 181.2950, 6.2636,  
44.4683

■ 137.0300, 11.8172,  
83.2887

■ 196.0500, 4.4123,  
31.5281

■ 121.6880, 13.9578,  
96.7436

■ 211.3920, 2.2717,  
18.0732

■ 106.8190, 15.3722,  
109.7837

■ 226.2610, 0.8573,  
5.0331

■ 92.0640, 17.2234,  
122.7239

■ 241.0160, -0.9939,  
-7.9070

■ 83.1620, 18.6541,  
130.5309

■ 247.5530, 1.2064,  
-13.6400

■ 248.1230, 3.3904,  
-14.1399

# Harmonies

## Analogous

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



168.0380, 26.1103, 25.3997



166.5400, 8.1148, 57.4084



164.3400, -11.9996, 68.9848

# Triad

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



166.5400, 8.1148, 57.4084



156.9570, -38.4328, 7.0537



131.6690, 45.0262, -115.4737

# Complementary

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



166.5400, 8.1148, 57.4084



195.4600, -8.1148, -57.4084

# 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.



129.2120, 27.9965, -113.3189



166.5400, 8.1148, 57.4084



151.2110, -23.7680, -30.0030

# Square

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



166.5400, 8.1148, 57.4084



160.5140, -39.6934, 38.1372



137.4770, 2.7228, -80.2253



137.7390, 52.3867, -96.2411



# Rectangle

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



166.5400, 8.1148, 57.4084



163.4030, -24.3557, 65.4216



137.4770, 2.7228, -80.2253



131.5890, 39.6426, -115.4036

# Sweetspot

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



166.5400, 8.1148, 57.4084



233.8050, 2.5611, 18.5880



155.9800, 37.4779, 19.3115



114.5330, 1.7092, 11.8106



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.



166.5400, 8.1148, 57.4084



168.3450, 10.6759, 75.9964



160.8400, -13.7251, 62.4073



107.2720, 0.8519, 6.7775



64.1230, 14.2364, 100.7471



18.2130, 3.8390, 28.7542



# Inverse Universe

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



166.5400, 8.1148, 57.4084



168.3450, 10.6759, 75.9964



201.1600, 13.7251, -62.4073



107.2720, 0.8519, 6.7775



64.1230, 14.2364, 100.7471



18.2130, 3.8390, 28.7542



# Previews

## White Background



This preview shows how the YUV color 166.5400, 8.1148, 57.4084 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

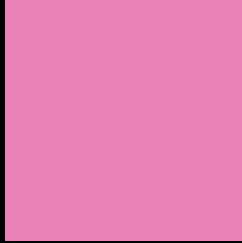
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 166.5400, 8.1148, 57.4084 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 166.5400, 8.1148, 57.4084 Background



This preview shows how black text looks on a background with the YUV color 166.5400, 8.1148, 57.4084.



This preview shows how white text looks on a background with the YUV color 166.5400, 8.1148,

57.4084.

# 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

166.5400, 8.1148, 57.4084

### Protanopia

164.0970, 19.6722, -9.7321

### Deuteranopia

165.0530, 6.3829, 6.0925



## Tritanopia

165.3490, -9.0461, 54.9449

# Trichromacy



## Original Color

166.5400, 8.1148, 57.4084



## Protanomaly

164.8120, 15.3757, 15.0739



## Deuteranomaly

165.4020, 7.1968, 25.0804



## Tritanomaly

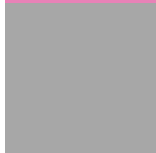
165.3690, -2.6469, 55.8044

# Monochromacy



## Original Color

166.5400, 8.1148, 57.4084



## Achromatopsia

167.0000, 0.0000, 0.0000



## Achromatomaly

167.2290, 2.8451, 20.8472

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 166.5400, 8.1148, 57.4084 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(232, 130, 183)` looks like.

```
.text, #text, p{  
    color:rgb(232, 130, 183)  
}
```

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(232, 130, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 130, 183) }
```

## Border

The CSS property to change the border of an element to YUV 166.5400, 8.1148, 57.4084 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(232, 130, 183) }
```



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

```
.border{ border-color:rgb(232, 130, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 130, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 130, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 130, 183);  
box-shadow:4px 4px 4px 4px rgb(232, 130,  
183) }
```

# Background

The CSS property to change the background color of an element to YUV 166.5400, 8.1148, 57.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 130, 183) }
```

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

```
.background{ background-color: rgb(232,  
130, 183) }
```

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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