

# Converting Colors

YUV(198.8160, 9.4577, 46.6424)

Have a look what the booklet for  
YUV(198.8160, 9.4577, 46.6424)  
contains.

<b>YUV(198.8160, 9.4577, 46.6424)</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(198.8160, 9.4577,  
46.6424)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCA8DA
RGB	252, 168, 218
RGB Percent	99%, 66%, 85%
CMY	0.0118, 0.3412, 0.1451
CMYK	0.00, 0.33, 0.13, 0.01
HSL	324°, 93%, 82%
HSV	324°, 33%, 99%
XYZ	66.8024, 53.7627, 73.1860
YIQ	198.8160, 34.0140, 33.3580

# Conversions

## Conversions Part 2

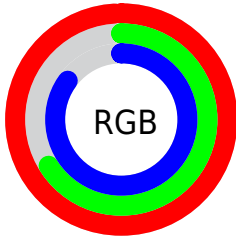
Format	Color
R <sub>Y</sub> B	252, 168, 218
Decimal	16558298
CIE Lab	78.32, 37.99, -12.57
CIE LCh	78, 40.011, 341.693
Yxy	53.7627, 0.3448, 0.2775
Android (android.graphics.Color)	4294748378 (0xFFFC A8DA)
YUV	198.8160, 9.4577, 46.6424
Hunter-Lab	73.3230, 34.3107, -7.8531

# Details

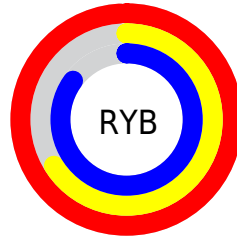
The YUV color **198.8160, 9.4577, 46.6424** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **221.1840, -9.4577, -46.6424**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8030, 8.9711, 15.9588**, and **144.0930, 9.3212, 43.7684** is the 20% darker color. If you saturate the color by 10%, you get **183.0010, 12.3245, 60.5121**, and if you desaturate by 10%, it is **214.6310, 6.5909, 32.7726**.

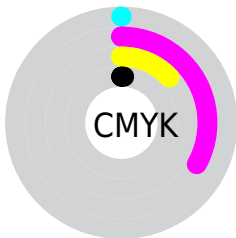
# Distribution



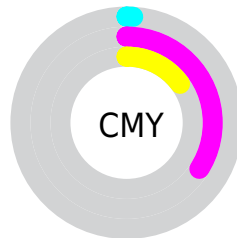
- Red (99%)
- Green (66%)
- Blue (85%)



- Red (99%)
- Yellow (66%)
- Blue (85%)



- Cyan (0%)
- Magenta (33%)
- Yellow (13%)
- Black (1%)




- Cyan (1%)
- Magenta (34%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 198.8160, 9.4577, 46.6424 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 198.8160, 9.4577, 46.6424 by changing the saturation by 10% instead.





 198.8160, 9.4577,  
46.6424


 198.8160, 9.4577,  
46.6424

255.0000, 0.0000,  
0.0000

 171.1040, 9.3157,  
45.5128


 236.8030, 8.9711,  
15.9588


 144.0930, 9.3212,  
43.7684

 253.8260, 0.5788,  
1.0296

 117.4950, 9.6160,  
42.5389

 91.7830, 9.4740,  
41.4093

 66.2990, 10.2056,  
40.0798

 39.4670, 12.0948,  
40.8094

 22.9130, 8.9169,

33.4023

■ 14.3540, 3.2765,  
22.4915

■ 0.0000, 0.0000,  
0.0000

■ 198.8160, 9.4577,  
46.6424

■ 198.8160, 9.4577,  
46.6424

■ 183.0010, 12.3245,  
60.5121

■ 214.6310, 6.5909,  
32.7726

■ 167.1860, 15.1913,  
74.3819

■ 230.4460, 3.7241,  
18.9029

■ 150.6700, 17.9107,  
88.8664

■ 246.9620, 1.0047,  
4.4183

■ 134.8550, 20.7775,  
102.7362

■ 254.1030, 0.4422,  
-1.8443

■ 119.0400, 23.6443,  
116.6059

■ 103.2250, 26.5111,  
130.4757

■ 92.4480, 28.3731,  
139.9271

# Harmonies

## Analogous

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



198.3420, 24.9744, 16.3631



198.8160, 9.4577, 46.6424



193.6200, -6.7147, 53.8303

# Triad

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



198.8160, 9.4577, 46.6424



189.7280, -34.3759, 12.5165



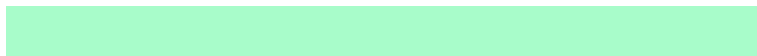
166.0960, 37.4207, -102.6932

# Complementary

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



198.8160, 9.4577, 46.6424



221.1840, -9.4577, -46.6424

# 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.



169.5480, 18.4638, -89.0576



198.8160, 9.4577, 46.6424



185.2770, -23.8006, -19.5369

# Square

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



198.8160, 9.4577, 46.6424



193.3060, -34.1679, 39.1966



178.6930, -4.7786, -54.1048



179.3160, 37.3122, -67.8061



# Rectangle

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



198.8160, 9.4577, 46.6424



193.3460, -17.9186, 54.0706



178.6930, -4.7786, -54.1048



165.2330, 32.9161, -104.5673

# Sweetspot

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



198.8160, 9.4577, 46.6424



239.1850, 2.8668, 13.8698



187.7420, 31.6792, 12.5043



117.8100, 1.5727, 8.9366



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.



198.8160, 9.4577, 46.6424



190.4520, 11.6092, 56.6086



194.0280, -8.8878, 50.8414



116.7990, 1.5781, 7.1923



69.2790, 21.0615, 104.9953



22.3430, 6.7329, 33.9022



# Inverse Universe

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



198.8160, 9.4577, 46.6424



190.4520, 11.6092, 56.6086



225.9720, 8.8878, -50.8414



116.7990, 1.5781, 7.1923



69.2790, 21.0615, 104.9953



22.3430, 6.7329, 33.9022



# Previews

## White Background



This preview shows how the YUV color 198.8160, 9.4577, 46.6424 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

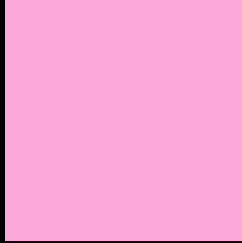
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 198.8160, 9.4577, 46.6424 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

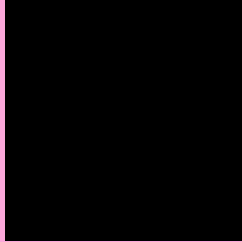
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 198.8160, 9.4577, 46.6424

## Background



This preview shows how black text looks on a background with the YUV color 198.8160, 9.4577, 46.6424.



This preview shows how white text looks on a background with the YUV color 198.8160, 9.4577,



# 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

198.8160, 9.4577, 46.6424

### Protanopia

194.6950, 19.3774, -8.5025

### Deuteranopia

196.3350, 8.7088, 6.7222



## Tritanopia

197.6080, -5.2297, 44.1938

# Trichromacy



## Original Color

198.8160, 9.4577, 46.6424



## Protanomaly

195.9040, 15.8233, 11.4852



## Deuteranomaly

196.8360, 8.9549, 21.1918



## Tritanomaly

197.9870, 0.0064, 44.7384

# Monochromacy



## Original Color

198.8160, 9.4577, 46.6424



## Achromatopsia

199.0000, 0.0000, 0.0000



## Achromatomaly

199.0220, 3.4402, 16.6437

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 198.8160, 9.4577, 46.6424 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(252, 168, 218)` looks like.

```
.text, #text, p{  
    color:rgb(252, 168, 218)  
}
```

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(252, 168, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 168, 218) }
```

## Border

The CSS property to change the border of an element to YUV 198.8160, 9.4577, 46.6424 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(252, 168, 218) }
```



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

```
.border{ border-color:rgb(252, 168, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 168, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 168, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 168, 218);  
box-shadow:4px 4px 4px 4px rgb(252, 168,  
218) }
```

# Background

The CSS property to change the background color of an element to YUV 198.8160, 9.4577, 46.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 168, 218) }
```

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

```
.background{ background-color: rgb(252,  
168, 218) }
```

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