

# Converting Colors

YUV(176.7780, 13.9134,  
64.2157)

Have a look what the booklet for  
YUV(176.7780, 13.9134, 64.2157)  
contains.

<b>YUV(176.7780, 13.9134, 64.2157)</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(176.7780, 13.9134,  
64.2157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA86CD
RGB	250, 134, 205
RGB Percent	98%, 53%, 80%
CMY	0.0196, 0.4745, 0.1961
CMYK	0.00, 0.46, 0.18, 0.02
HSL	323°, 92%, 75%
HSV	323°, 46%, 98%
XYZ	58.9689, 41.7820, 62.7143
YIQ	176.7780, 46.3450, 46.6730

# Conversions

## Conversions Part 2

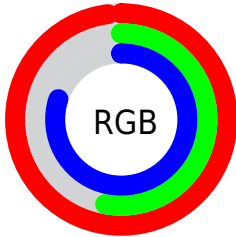
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">250, 134, 205</a>
Decimal	<a href="#">16418509</a>
CIELab	<a href="#">70.72, 52.65, -16.89</a>
CIElCh	<a href="#">71, 55.294, 342.218</a>
Yxy	<a href="#">41.7820, 0.3607, 0.2556</a>
Android (android.graphics.Color)	<a href="#">4294608589 (0xFFFA86CD)</a>
YUV	<a href="#">176.7780, 13.9134, 64.2157</a>
Hunter-Lab	<a href="#">64.6390, 49.7239, -12.2773</a>

# Details

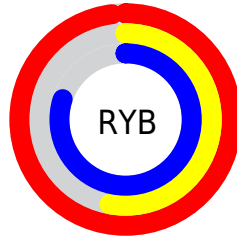
The YUV color **176.7780, 13.9134, 64.2157** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **207.2220, -13.9134, -64.2157**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 18.8104, 33.4619**, and **121.2830, 14.6505, 61.1418** is the 20% darker color. If you saturate the color by 10%, you get **160.9630, 16.7802, 78.0854**, and if you desaturate by 10%, it is **192.5930, 11.0467, 50.3459**.

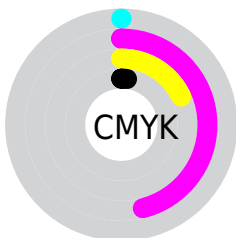
# Distribution



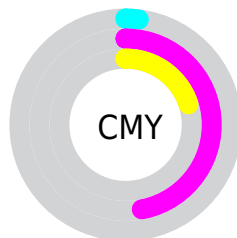
- Red (98%)
- Green (53%)
- Blue (80%)



- Red (98%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (46%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (47%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 176.7780, 13.9134, 64.2157 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 176.7780, 13.9134, 64.2157 by changing the saturation by 10% instead.



176.7780, 13.9134,  
64.2157

176.7780, 13.9134,  
64.2157

255.0000, 0.0000,  
0.0000

148.7670, 13.9189,  
62.4713

216.8450, 18.8104,  
33.4619

121.2830, 14.6505,  
61.1418

233.8680, 10.4181,  
18.5328

93.5110, 15.5241,  
60.9419

250.8910, 2.0257,  
3.6036

63.5050, 17.9920,  
62.7011

40.6570, 17.4241,  
58.1828

29.9620, 11.3577,  
43.8833

20.3920, 5.7227,

31.2282

■ 7.8170, -2.3748,  
15.0695

■ 0.0000, 0.0000,  
0.0000

■ 176.7780, 13.9134,  
64.2157

■ 176.7780, 13.9134,  
64.2157

■ 160.9630, 16.7802,  
78.0854

■ 192.5930, 11.0467,  
50.3459

■ 145.2620, 20.0838,  
91.8552

■ 208.2940, 7.7431,  
36.5762

■ 129.4470, 22.9506,  
105.7250

■ 224.1090, 4.8763,  
22.7064

■ 113.6320, 25.8174,  
119.5947

■ 239.9240, 2.0095,  
8.8367

■ 97.9310, 29.1210,  
133.3645

■ 253.2770, -0.1366,  
-2.8739

■ 92.1920, 29.9783,  
138.3976

■ 253.5050, 0.7370,  
-3.0739

# Harmonies

## Analogous

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



177.6060, 34.7042, 22.2705



176.7780, 13.9134, 64.2157



170.1110, -7.9427, 74.4477

# Triad

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



176.7780, 13.9134, 64.2157



166.1830, -47.9112, 13.8715



141.7110, 47.9635, -124.2805

# Complementary

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



176.7780, 13.9134, 64.2157



207.2220, -13.9134, -64.2157

# 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.



138.2280, 27.0026, -121.2260



176.7780, 13.9134, 64.2157



159.7460, -31.9198, -28.7182

# Square

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



176.7780, 13.9134, 64.2157



170.3430, -47.0041, 49.6882



140.9930, 0.0035, -94.7099



138.8390, 57.2674, -121.7618



# Rectangle

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



176.7780, 13.9134, 64.2157



169.9850, -23.6566, 74.5582



140.9930, 0.0035, -94.7099



141.2890, 41.2695, -123.9105

# Sweetspot

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



176.7780, 13.9134, 64.2157



232.2720, 4.3029, 19.9325



160.3800, 44.1827, 15.4527



114.0600, 2.4354, 12.2254



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.



176.7780, 13.9134, 64.2157



164.7890, 17.3590, 79.1150



170.2800, -10.9840, 69.9144



116.7990, 1.5781, 7.1923



69.6210, 22.3718, 104.6954



22.4570, 7.1697, 33.8022



# Inverse Universe

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



176.7780, 13.9134, 64.2157



164.7890, 17.3590, 79.1150



213.7200, 10.9840, -69.9144



116.7990, 1.5781, 7.1923



69.6210, 22.3718, 104.6954



22.4570, 7.1697, 33.8022



# Previews

## White Background



This preview shows how the YUV color 176.7780, 13.9134, 64.2157 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

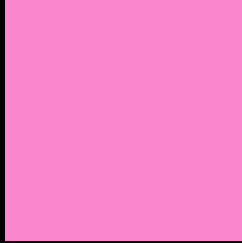
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 176.7780, 13.9134, 64.2157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

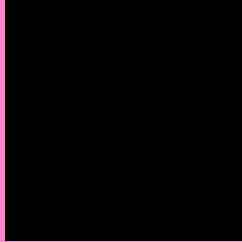
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 176.7780, 13.9134, 64.2157

## Background



This preview shows how black text looks on a background with the YUV color 176.7780, 13.9134, 64.2157.



This preview shows how white text looks on a background with the YUV color 176.7780, 13.9134,



# 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

176.7780, 13.9134, 64.2157

### Protanopia

173.6540, 28.2716, -14.6056

### Deuteranopia

175.1110, 11.7773, 2.5337



## Tritanopia

175.4530, -10.0833, 60.9927

# Trichromacy



## Original Color

176.7780, 13.9134, 64.2157



## Protanomaly

175.1630, 23.0906, 13.8890



## Deuteranomaly

175.4820, 12.5804, 25.0103



## Tritanomaly

175.7550, -1.3582, 62.4819

# Monochromacy



## Original Color

176.7780, 13.9134, 64.2157



## Achromatopsia

177.0000, 0.0000, 0.0000



## Achromatomaly

176.8210, 5.0182, 23.8360

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.7780, 13.9134, 64.2157 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(250, 134, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 134, 205)  
}
```

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(250, 134, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 134, 205) }
```

## Border

The CSS property to change the border of an element to YUV 176.7780, 13.9134, 64.2157 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(250, 134, 205) }
```



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

```
.border{ border-color:rgb(250, 134, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 134, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 134, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 134, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 134,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 176.7780, 13.9134, 64.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 134, 205) }
```

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

```
.background{ background-color: rgb(250,  
134, 205) }
```

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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