

# Converting Colors

YUV(193.4760, 1.7373, 49.5715)

Have a look what the booklet for  
YUV(193.4760, 1.7373, 49.5715)  
contains.

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# Color

**YUV(193.4760, 1.7373,  
49.5715)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAA4C5
RGB	250, 164, 197
RGB Percent	98%, 64%, 77%
CMY	0.0196, 0.3569, 0.2275
CMYK	0.00, 0.34, 0.21, 0.02
HSL	337°, 90%, 81%
HSV	337°, 34%, 98%
XYZ	62.7778, 50.9061, 59.3404
YIQ	193.4760, 40.6630, 28.4950

# Conversions

## Conversions Part 2

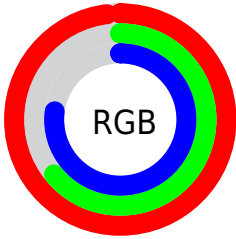
Format	Color
R <sub>Y</sub> B	250, 164, 197
Decimal	16426181
CIE Lab	76.62, 36.20, -3.67
CIE LCh	77, 36.390, 354.208
Yxy	50.9061, 0.3628, 0.2942
Android (android.graphics.Color)	4294616261 (0xFFFAA4C5)
YUV	193.4760, 1.7373, 49.5715
Hunter-Lab	71.3485, 32.1979, 0.6326

# Details

The YUV color **193.4760, 1.7373, 49.5715** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **220.5240, -1.7373, -49.5715**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3410, 9.6919, 18.1179**, and **138.8670, 2.0376, 46.5976** is the 20% darker color. If you saturate the color by 10%, you get **177.0910, 2.4201, 63.9412**, and if you desaturate by 10%, it is **209.8610, 1.0545, 35.2019**.

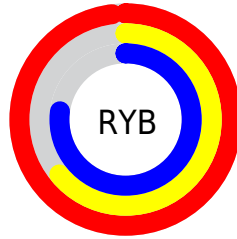
# Distribution



Red (98%)

Green (64%)

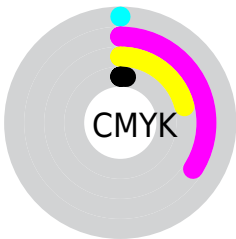
Blue (77%)



Red (98%)

Yellow (64%)

Blue (77%)

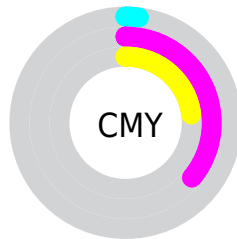


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (36%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 193.4760, 1.7373, 49.5715 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 193.4760, 1.7373, 49.5715 by changing the saturation by 10% instead.




 193.4760, 1.7373,  
49.5715


 193.4760, 1.7373,  
49.5715


255.0000, 0.0000,  
0.0000


 165.8780, 2.0321,  
48.3420


 234.3410, 9.6919,  
18.1179


 138.8670, 2.0376,  
46.5976

 251.4780, 1.7363,  
3.0888

 112.3830, 2.7692,  
45.2681

 86.4860, 3.2114,  
43.4238

 62.0020, 3.9430,  
42.0942

 34.2840, 6.2690,  
42.7239

 20.4200, 3.2439,

32.9577

■ 10.5790, -4.7224,  
21.4172

■ 0.0000, 0.0000,  
0.0000

■ 193.4760, 1.7373,  
49.5715

■ 193.4760, 1.7373,  
49.5715

■ 177.0910, 2.4201,  
63.9412

■ 209.8610, 1.0545,  
35.2019

■ 160.5920, 2.6661,  
78.4108

■ 226.3600, 0.8085,  
20.7323

■ 144.2070, 3.3489,  
92.7805

■ 242.7450, 0.1257,  
6.3626

■ 127.7080, 3.5950,  
107.2501

■ 253.5050, 0.7370,  
-3.0739

■ 111.3230, 4.2778,  
121.6197

■ 94.9380, 4.9606,  
135.9894

■ 85.6940, 5.0809,  
144.0964

# Harmonies

## Analogous

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



194.0570, 17.2269, 28.0140



193.4760, 1.7373, 49.5715



191.6820, -14.1402, 55.5299

# Triad

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



193.4760, 1.7373, 49.5715



183.9590, -28.0808, 0.0360



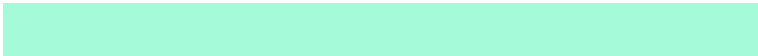
171.9790, 35.0134, -77.1576

# Complementary

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



193.4760, 1.7373, 49.5715



220.5240, -1.7373, -49.5715

# 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.



167.5470, 23.3943, -83.7947



193.4760, 1.7373, 49.5715



179.5020, -15.0375, -30.2583

# Square

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



193.4760, 1.7373, 49.5715



187.6850, -32.3827, 26.5863



173.2390, 3.8262, -60.7226



182.4160, 35.7839, -44.2148



# Rectangle

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



193.4760, 1.7373, 49.5715



190.6570, -23.0019, 51.1668



173.2390, 3.8262, -60.7226



169.2510, 32.4143, -83.5351

# Sweetspot

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



193.4760, 1.7373, 49.5715



238.5010, 0.2460, 14.4696



189.3520, 29.8995, 23.3703



117.4680, 0.2623, 9.2366



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.



193.4760, 1.7373, 49.5715



186.0690, 2.4310, 60.4525



194.9970, -15.2815, 48.2376



116.4570, 0.2677, 7.4922



64.7190, 3.5895, 108.9944



20.8610, 1.0545, 35.2019



# Inverse Universe

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



193.4760, 1.7373, 49.5715



186.0690, 2.4310, 60.4525



219.0030, 15.2815, -48.2376



116.4570, 0.2677, 7.4922



64.7190, 3.5895, 108.9944



20.8610, 1.0545, 35.2019



# Previews

## White Background



This preview shows how the YUV color 193.4760, 1.7373, 49.5715 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

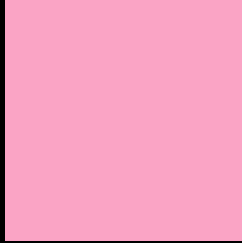
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.4760, 1.7373, 49.5715 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 193.4760, 1.7373, 49.5715

## Background



This preview shows how black text looks on a background with the YUV color 193.4760, 1.7373, 49.5715.



This preview shows how white text looks on a background with the YUV color 193.4760, 1.7373,

49.5715.

# 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

193.4760, 1.7373, 49.5715

### Protanopia

190.1380, 10.7780, -3.6290

### Deuteranopia

191.6040, 0.6882, 12.6253



## Tritanopia

192.7010, -6.2616, 48.4972

# Trichromacy



## Original Color

193.4760, 1.7373, 49.5715



## Protanomaly

191.1620, 7.8081, 15.6439



## Deuteranomaly

192.3930, 0.7923, 25.9653



## Tritanomaly

193.0970, -3.4988, 49.0269

# Monochromacy



## Original Color

193.4760, 1.7373, 49.5715



## Achromatopsia

193.0000, 0.0000, 0.0000



## Achromatomaly

192.9360, 0.5246, 18.4731

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.4760, 1.7373, 49.5715 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, 164, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 164, 197)  
}
```

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, 164, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 164, 197) }
```

## Border

The CSS property to change the border of an element to YUV 193.4760, 1.7373, 49.5715 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, 164, 197) }
```



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

```
.border{ border-color:rgb(250, 164, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 164, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 164, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 164, 197);  
box-shadow:4px 4px 4px 4px rgb(250, 164,  
197) }
```

# Background

The CSS property to change the background color of an element to YUV 193.4760, 1.7373, 49.5715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 164, 197) }
```

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

```
.background{ background-color: rgb(250,  
164, 197) }
```

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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