

# Converting Colors

YUV(195.9840, 11.3469,  
47.3720)

Have a look what the booklet for  
YUV(195.9840, 11.3469, 47.3720)  
contains.

<b>YUV(195.9840, 11.3469, 47.3720)</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(195.9840, 11.3469,  
47.3720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAA4DB
RGB	250, 164, 219
RGB Percent	98%, 64%, 86%
CMY	0.0196, 0.3569, 0.1412
CMYK	0.00, 0.34, 0.12, 0.02
HSL	322°, 90%, 81%
HSV	322°, 34%, 98%
XYZ	65.4860, 51.9894, 73.6013
YIQ	195.9840, 33.6010, 35.3370

# Conversions

## Conversions Part 2

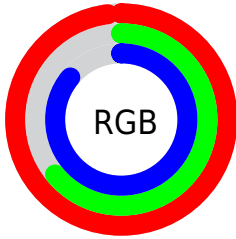
Format	Color
R <sub>Y</sub> B	250, 164, 219
Decimal	16426203
CIE Lab	77.27, 39.57, -14.71
CIE LCh	77, 42.211, 339.610
Yxy	51.9894, 0.3427, 0.2721
Android (android.graphics.Color)	4294616283 (0xFFFAA4DB)
YUV	195.9840, 11.3469, 47.3720
Hunter-Lab	72.1037, 35.9358, -10.0489

# Details

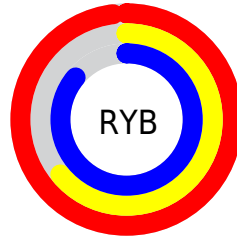
The YUV color **195.9840, 11.3469, 47.3720** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.0160, -11.3469, -47.3720**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **141.2610, 11.2103, 44.4981** is the 20% darker color. If you saturate the color by 10%, you get **180.2830, 14.6505, 61.1418**, and if you desaturate by 10%, it is **211.6850, 8.0433, 33.6023**.

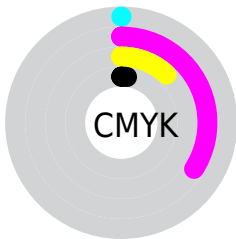
# Distribution



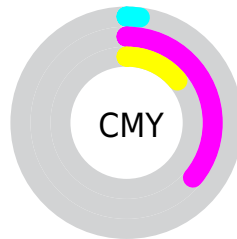
- Red (98%)
- Green (64%)
- Blue (86%)



- Red (98%)
- Yellow (64%)
- Blue (86%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (2%)




- Cyan (2%)
- Magenta (36%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 195.9840, 11.3469, 47.3720 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 195.9840, 11.3469, 47.3720 by changing the saturation by 10% instead.




 195.9840, 11.3469,  
47.3720

 195.9840, 11.3469,  
47.3720


255.0000, 0.0000,  
0.0000


 168.2720, 11.2049,  
46.2425


 234.4550, 10.1287,  
18.0180

 141.2610, 11.2103,  
44.4981

 251.4780, 1.7363,  
3.0888

 114.6630, 11.5051,  
43.2685

 88.9510, 11.3632,  
42.1390

 62.8800, 12.3842,  
41.3242

 34.7600, 14.4153,  
43.1835

 22.4290, 9.6485,

32.0728

■ 13.5710, 4.1555,  
20.5472

■ 0.0000, 0.0000,  
0.0000

■ 195.9840, 11.3469,  
47.3720

■ 195.9840, 11.3469,  
47.3720

■ 180.2830, 14.6505,  
61.1418

■ 211.6850, 8.0433,  
33.6023

■ 164.5820, 17.9541,  
74.9116

■ 227.3860, 4.7397,  
19.8325

■ 148.8810, 21.2577,  
88.6814

■ 243.0870, 1.4361,  
6.0627

■ 133.1800, 24.5613,  
102.4511

■ 253.5050, 0.7370,  
-3.0739

■ 117.4790, 27.8649,  
116.2209

■ 101.7780, 31.1684,  
129.9907

■ 92.9900, 33.0359,  
137.6978

# Harmonies

## Analogous

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



195.3140, 27.4532, 14.6336



195.9840, 11.3469, 47.3720



190.6850, -5.2677, 56.4043

# Triad

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



195.9840, 11.3469, 47.3720



187.1690, -36.5653, 14.7608



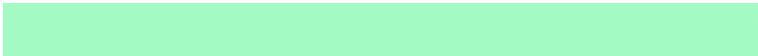
149.9290, 43.9120, -131.4877

# Complementary

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



195.9840, 11.3469, 47.3720



218.0160, -11.3469, -47.3720

# 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.



162.8350, 19.8013, -98.0793



195.9840, 11.3469, 47.3720



182.0060, -26.1320, -18.4223

# Square

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



195.9840, 11.3469, 47.3720



189.9860, -35.4891, 42.9853



175.2260, -6.5204, -55.4492



172.4610, 40.6917, -78.4573



# Rectangle

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



195.9840, 11.3469, 47.3720



189.4820, -17.4926, 57.4593



175.2260, -6.5204, -55.4492



149.8490, 38.5284, -131.4176

# Sweetspot

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



195.9840, 11.3469, 47.3720



239.2990, 3.3036, 13.7698



182.7740, 33.1424, 9.8452



117.9240, 2.0095, 8.8367



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.



195.9840, 11.3469, 47.3720



189.0330, 13.7877, 57.8531



191.1960, -6.9986, 51.5711



116.7990, 1.5781, 7.1923



70.3050, 24.9926, 104.0955



22.6850, 8.0433, 33.6023



# Inverse Universe

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



195.9840, 11.3469, 47.3720



189.0330, 13.7877, 57.8531



222.8040, 6.9986, -51.5711



116.7990, 1.5781, 7.1923



70.3050, 24.9926, 104.0955



22.6850, 8.0433, 33.6023



# Previews

## White Background



This preview shows how the YUV color 195.9840, 11.3469, 47.3720 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

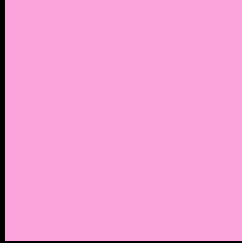
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.9840, 11.3469, 47.3720 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

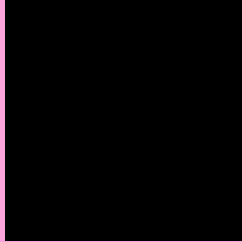
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 195.9840, 11.3469, 47.3720

## Background



This preview shows how black text looks on a background with the YUV color 195.9840, 11.3469, 47.3720.



This preview shows how white text looks on a background with the YUV color 195.9840, 11.3469,

47.3720.

# 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

195.9840, 11.3469, 47.3720

### Protanopia

191.6670, 21.8562, -10.2320

### Deuteranopia

193.1930, 10.7509, 5.0927



## Tritanopia

194.9070, -5.3772, 44.8086

# Trichromacy



## Original Color

195.9840, 11.3469, 47.3720



## Protanomaly

193.1750, 18.1547, 10.3705



## Deuteranomaly

194.2920, 10.7020, 20.7919



## Tritanomaly

194.9270, 1.0220, 45.6680

# Monochromacy



## Original Color

195.9840, 11.3469, 47.3720



## Achromatopsia

196.0000, 0.0000, 0.0000



## Achromatomaly

195.8480, 4.0189, 17.6733

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.9840, 11.3469, 47.3720 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 164, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 164, 219) }
```

## Border

The CSS property to change the border of an element to YUV 195.9840, 11.3469, 47.3720 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, 219) }
```



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

```
.border{ border-color:rgb(250, 164, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 164, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 164, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 164,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 195.9840, 11.3469, 47.3720 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, 219) }
```

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

```
.background{ background-color: rgb(250,  
164, 219) }
```

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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