

# Converting Colors

YUV(193.2800, 2.3270, 47.1124)

Have a look what the booklet for  
YUV(193.2800, 2.3270, 47.1124)  
contains.

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# Color

**YUV(193.2800, 2.3270,  
47.1124)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7A5C6
RGB	247, 165, 198
RGB Percent	97%, 65%, 78%
CMY	0.0314, 0.3529, 0.2235
CMYK	0.00, 0.33, 0.20, 0.03
HSL	336°, 84%, 81%
HSV	336°, 33%, 97%
XYZ	62.0059, 50.7616, 59.9560
YIQ	193.2800, 38.2790, 27.6470

# Conversions

## Conversions Part 2

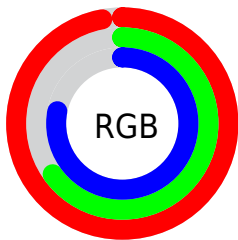
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 165, 198
Decimal	16229830
CIE <sub>Lab</sub>	76.53, 34.79, -4.39
CIE <sub>LCh</sub>	77, 35.066, 352.814
Yxy	50.7616, 0.3590, 0.2939
Android (android.graphics.Color)	4294419910 (0xFFFF7A5C6)
<b>YUV</b>	193.2800, 2.3270, 47.1124
Hunter-Lab	71.2472, 30.6647, -0.0207

# Details

The YUV color **193.2800, 2.3270, 47.1124** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.7200, -2.3270, -47.1124**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0420, 9.8393, 17.5032**, and **138.6710, 2.6272, 44.1385** is the 20% darker color. If you saturate the color by 10%, you get **176.8950, 3.0098, 61.4821**, and if you desaturate by 10%, it is **209.6650, 1.6442, 32.7428**.

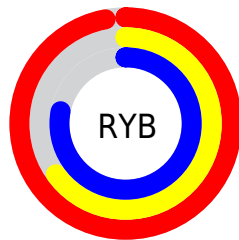
# Distribution



Red (97%)

Green (65%)

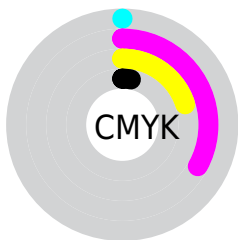
Blue (78%)



Red (97%)

Yellow (65%)

Blue (78%)

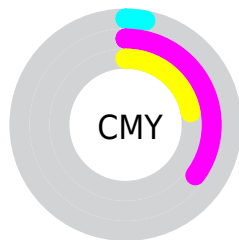


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (3%)



Cyan (3%)

Magenta (35%)


Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 193.2800, 2.3270, 47.1124 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 193.2800, 2.3270, 47.1124 by changing the saturation by 10% instead.




 193.2800, 2.3270,  
47.1124


 193.2800, 2.3270,  
47.1124

255.0000, 0.0000,  
0.0000


 165.6820, 2.6218,  
45.8829


 235.0420, 9.8393,  
17.5032


 138.6710, 2.6272,  
44.1385

 252.0650, 1.4470,  
2.5740

 112.7740, 3.0694,  
42.2942

 87.1760, 3.3642,  
41.0646

 61.6920, 4.0958,  
39.7351

 35.5610, 6.1324,  
39.8500

 19.8220, 3.5388,

31.7281

■ 10.2800, -4.5750,  
20.8024

■ 0.0000, 0.0000,  
0.0000

■ 193.2800, 2.3270,  
47.1124

■ 193.2800, 2.3270,  
47.1124

■ 176.8950, 3.0098,  
61.4821

■ 209.6650, 1.6442,  
32.7428

■ 161.0970, 3.4032,  
75.3369

■ 225.4630, 1.2507,  
18.8879

■ 144.8260, 4.5228,  
89.6066

■ 241.7340, 0.1311,  
4.6183

■ 128.4410, 5.2056,  
103.9762

■ 252.6080, 1.1793,  
-4.9182

■ 112.0560, 5.8884,  
118.3459

■ 96.2580, 6.2818,  
132.2007

■ 85.1390, 6.8335,  
141.9521

# Harmonies

## Analogous

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



193.6330, 16.9429, 25.7549



193.2800, 2.3270, 47.1124



191.8990, -13.2612, 53.5856

# Triad

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



193.2800, 2.3270, 47.1124



184.0840, -27.6494, 1.6803



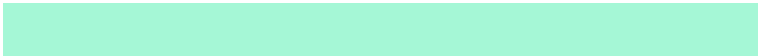
172.4310, 32.8185, -73.1690

# Complementary

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



193.2800, 2.3270, 47.1124



218.7200, -2.3270, -47.1124

# 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.



169.1240, 21.6309, -78.1617



193.2800, 2.3270, 47.1124



179.8120, -15.1903, -27.8991

# Square

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



193.2800, 2.3270, 47.1124



187.4400, -30.7829, 26.8011



174.3320, 2.7943, -56.4192



182.4870, 34.7629, -43.4001



# Rectangle

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



193.2800, 2.3270, 47.1124



190.5860, -21.9809, 50.3521



174.3320, 2.7943, -56.4192



170.4150, 30.3614, -78.4170

# Sweetspot

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



193.2800, 2.3270, 47.1124



238.6150, 0.6828, 14.3696



188.7000, 28.7419, 21.3111



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.



193.2800, 2.3270, 47.1124



188.1720, 2.8732, 58.6082



193.6270, -14.1131, 46.8081



114.1580, 0.4151, 6.8774



64.1640, 5.3421, 106.8502



20.3770, 1.7861, 33.8724



# Inverse Universe

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



193.2800, 2.3270, 47.1124



188.1720, 2.8732, 58.6082



218.3730, 14.1131, -46.8081



114.1580, 0.4151, 6.8774



64.1640, 5.3421, 106.8502



20.3770, 1.7861, 33.8724



# Previews

## White Background



This preview shows how the YUV color 193.2800, 2.3270, 47.1124 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

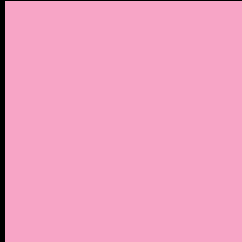
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.2800, 2.3270, 47.1124 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 193.2800, 2.3270, 47.1124

## Background



This preview shows how black text looks on a background with the YUV color 193.2800, 2.3270, 47.1124.



This preview shows how white text looks on a background with the YUV color 193.2800, 2.3270,



# 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

193.2800, 2.3270, 47.1124

### Protanopia

190.1380, 10.7780, -3.6290

### Deuteranopia

190.9460, 1.9986, 12.3254



## Tritanopia

192.5050, -5.6720, 46.0381

# Trichromacy



## Original Color

193.2800, 2.3270, 47.1124



## Protanomaly

191.4500, 7.6661, 14.5143



## Deuteranomaly

191.4360, 2.2501, 25.0506



## Tritanomaly

192.9010, -2.9092, 46.5678

# Monochromacy



## Original Color

193.2800, 2.3270, 47.1124



## Achromatopsia

193.0000, 0.0000, 0.0000



## Achromatomaly

193.3380, 0.8194, 17.2436

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.2800, 2.3270, 47.1124 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(247, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(247, 165, 198)  
}
```

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(247, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 165, 198) }
```

## Border

The CSS property to change the border of an element to YUV 193.2800, 2.3270, 47.1124 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(247, 165, 198) }
```



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

```
.border{ border-color:rgb(247, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 165, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 165, 198); box-shadow:4px 4px 4px 4px rgb(247, 165, 198) }
```

# Background

The CSS property to change the background color of an element to YUV 193.2800, 2.3270, 47.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 165, 198) }
```

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

```
.background{ background-color: rgb(247,  
165, 198) }
```

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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