

# Converting Colors

Yxy(49.3195, 0.3830, 0.3080)

Have a look what the booklet for  
Yxy(49.3195, 0.3830, 0.3080)  
contains.

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# Color

**Yxy(49.3195, 0.3830, 0.3080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDA0B4
RGB	253, 160, 180
RGB Percent	99%, 63%, 71%
CMY	0.0077, 0.3726, 0.2940
CMYK	0.00, 0.37, 0.29, 0.01
HSL	347°, 96%, 81%
HSV	347°, 37%, 99%
XYZ	61.3291, 49.3195, 49.4796
YIQ	190.0870, 49.0080, 25.9360

# Conversions

## Conversions Part 2

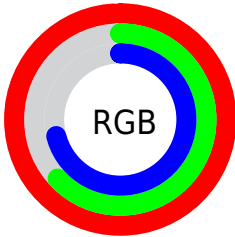
Format	Color
R <sub>Y</sub> B	253, 160, 180
Decimal	16621748
CIE Lab	75.65, 37.02, 4.25
CIE LCh	76, 37.264, 6.554
Yxy	49.3195, 0.3830, 0.3080
Android (android.graphics.Color)	4294811828 (0xFFFDA0B4)
YUV	190.0870, -4.9729, 55.1747
Hunter-Lab	70.2278, 32.9831, 7.3862

# Details

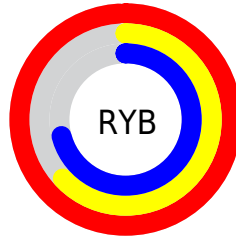
The Yxy color **49.3195, 0.3830, 0.3080** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.6295, 0.2705, 0.3517**, and the grayscale version is **51.5549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4279, 0.3274, 0.3092**, and **23.5170, 0.4027, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **40.6724, 0.4128, 0.3025**, and if you desaturate by 10%, it is **59.8724, 0.3583, 0.3139**.

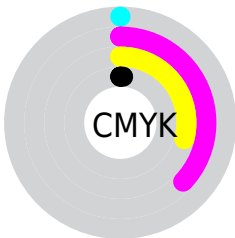
# Distribution



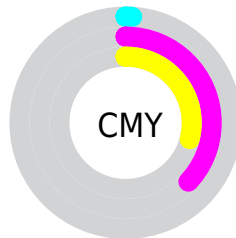
- Red (99%)
- Green (63%)
- Blue (71%)



- Red (99%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (1%)




- Cyan (1%)
- Magenta (37%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3195, 0.3830, 0.3080 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 Yxy color 49.3195, 0.3830, 0.3080 by changing the saturation by 10% instead.





 49.3195, 0.3830,  
0.3080

 49.3195, 0.3830,  
0.3080


383.9988, 0.3480,  
0.3188

 34.8730, 0.3916,  
0.3052


 89.1658, 0.3704,  
0.3120

 23.5651, 0.4027,  
0.3017


 115.3344, 0.3656,  
0.3135

 15.0113, 0.4172,  
0.2968


146.1791, 0.3616,  
0.3147

 8.8273, 0.4373,  
0.2900

182.0844, 0.3581,  
0.3158

 4.6287, 0.4666,  
0.2797

223.4346, 0.3551,  
0.3167

 2.0311, 0.5131,  
0.2627

270.6141, 0.3524,

 0.6255, 0.6253,

0.3175

0.2323

324.0074, 0.3501,  
0.3182

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

49.3195, 0.3830,  
0.3080

49.3195, 0.3830,  
0.3080

40.6724, 0.4128,  
0.3025

59.8724, 0.3583,  
0.3139

33.8102, 0.4479,  
0.2982

72.4284, 0.3382,  
0.3198

28.6089, 0.4873,  
0.2959

87.0868, 0.3219,  
0.3254

24.9258, 0.5285,  
0.2967

99.6298, 0.3115,  
0.3290

■ 22.5938, 0.5674,  
0.3012

■ 21.4028, 0.5990,  
0.3093

■ 21.1608, 0.6074,  
0.3120

# Harmonies

## Analogous

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



49.3195, 0.3346, 0.2744



49.3195, 0.3830, 0.3080



49.3195, 0.4116, 0.3479

# Triad

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



49.3195, 0.3830, 0.3080



49.3195, 0.3359, 0.4204



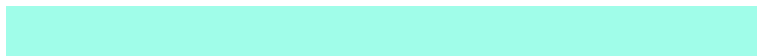
49.3195, 0.2226, 0.2627

# Complementary

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



49.3195, 0.3830, 0.3080



83.6295, 0.2705, 0.3517

# 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.



49.3195, 0.2230, 0.2971



49.3195, 0.3830, 0.3080



49.3195, 0.2858, 0.3945

# Square

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



49.3195, 0.3830, 0.3080



49.3195, 0.3820, 0.4151



49.3195, 0.2451, 0.3464



49.3195, 0.2436, 0.2482



# Rectangle

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



49.3195, 0.3830, 0.3080



49.3195, 0.4143, 0.3744



49.3195, 0.2451, 0.3464



49.3195, 0.2203, 0.2720

# Sweetspot

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



49.3219, 0.3830, 0.3080



82.0535, 0.3284, 0.3231



49.5329, 0.3005, 0.2330



17.1292, 0.3306, 0.3223



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.3219, 0.3830, 0.3080



43.6336, 0.4041, 0.3040



58.6922, 0.3924, 0.3571



18.0511, 0.3260, 0.3239



11.2702, 0.6038, 0.3100



1.1126, 0.5734, 0.2932



# Inverse Universe

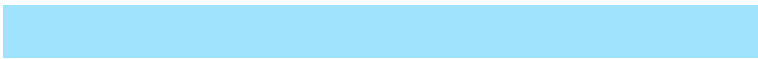
The Inverse Universe completely reimagines the original color for something new.



49.3219, 0.3830, 0.3080



43.6336, 0.4041, 0.3040



69.3253, 0.2568, 0.2986



18.0511, 0.3260, 0.3239



11.2702, 0.6038, 0.3100



1.1126, 0.5734, 0.2932



# Previews

## White Background



This preview shows how the Yxy color 49.3195, 0.3830, 0.3080 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 Yxy color 49.3195, 0.3830, 0.3080 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](#).

**Yxy 49.3195, 0.3830, 0.3080**

## Background



This preview shows how black text looks on a background with the Yxy color 49.3195, 0.3830, 0.3080.



This preview shows how white text looks on a background with the Yxy color 49.3195, 0.3830, 0.3080.

# 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

49.3195, 0.3830, 0.3080

### Protanopia

49.7493, 0.3075, 0.3177

### Deuteranopia

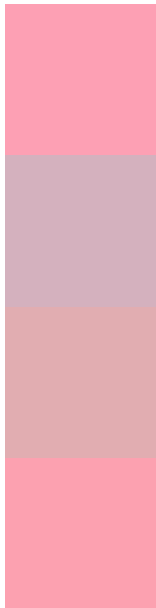
49.3324, 0.3415, 0.3340



## Tritanopia

49.2023, 0.3887, 0.3165

# Trichromacy



## Original Color

49.3195, 0.3830, 0.3080

## Protanomaly

49.1590, 0.3327, 0.3136

## Deuteranomaly

49.0690, 0.3566, 0.3245

## Tritanomaly

49.3198, 0.3857, 0.3133

# Monochromacy



## Original Color

49.3195, 0.3830, 0.3080

## Achromatopsia

51.4918, 0.3127, 0.3290

## Achromatomaly

49.9315, 0.3367, 0.3207

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 49.3195, 0.3830, 0.3080 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(253, 160, 180)` looks like.

```
.text, #text, p{  
    color:rgb(253, 160, 180)  
}
```

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(253, 160, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 160, 180) }
```

## Border

The CSS property to change the border of an element to Yxy 49.3195, 0.3830, 0.3080 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(253, 160, 180) }
```

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

```
.border{ border-color:rgb(253, 160, 180) }
```

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

Here you see how a box with a 4 pixel rgb(253, 160, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 160, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 160, 180);  
box-shadow:4px 4px 4px 4px rgb(253, 160,  
180) }
```



# Background

The CSS property to change the background color of an element to Yxy 49.3195, 0.3830, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 160, 180) }
```

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

```
.background{ background-color: rgb(253,  
160, 180) }
```

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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