

# Converting Colors

Yxy(44.2816, 0.4047, 0.3164)

Have a look what the booklet for  
Yxy(44.2816, 0.4047, 0.3164)  
contains.

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# Color

**Yxy(44.0419, 0.4049, 0.3164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA94A0
RGB	250, 148, 160
RGB Percent	98%, 58%, 63%
CMY	0.0196, 0.4196, 0.3725
CMYK	0.00, 0.41, 0.36, 0.02
HSL	353°, 91%, 78%
HSV	353°, 41%, 98%
XYZ	56.3608, 44.0419, 38.7942
YIQ	179.8660, 56.9400, 25.3560

# Conversions

## Conversions Part 2

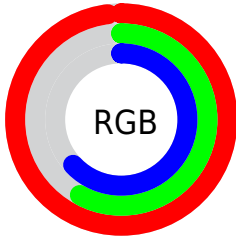
Format	Color
R <sub>Y</sub> B	250, 148, 160
Decimal	16422048
CIE Lab	72.26, 39.65, 10.38
CIE LCh	72, 40.985, 14.672
Yxy	44.0419, 0.4049, 0.3164
Android (android.graphics.Color)	4294612128 (0xFFFA94A0)
YUV	179.8660, -9.7939, 61.5075
Hunter-Lab	66.3641, 35.4571, 11.7959

# Details

The Yxy color **44.0419, 0.4049, 0.3164** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.8412, 0.2621, 0.3427**, and the grayscale version is **45.5986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8782, 0.3444, 0.3169**, and **20.3649, 0.4319, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **36.3250, 0.4413, 0.3138**, and if you desaturate by 10%, it is **53.5935, 0.3745, 0.3195**.

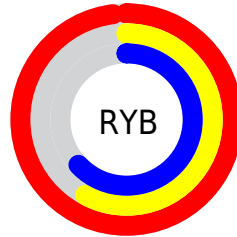
# Distribution



Red (98%)

Green (58%)

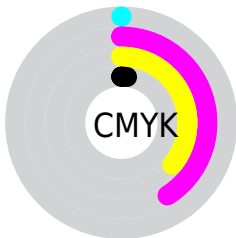
Blue (63%)



Red (98%)

Yellow (58%)

Blue (63%)

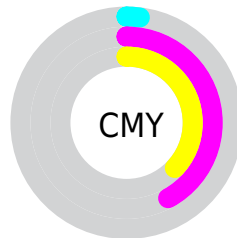


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (2%)



Cyan (2%)

Magenta (42%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0419, 0.4049, 0.3164 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 44.0419, 0.4049, 0.3164 by changing the saturation by 10% instead.





 44.0419, 0.4049,  
0.3164


 44.0419, 0.4049,  
0.3164

362.8792, 0.3580,  
0.3239

 30.7035, 0.4168,  
0.3142


 81.2808, 0.3877,  
0.3194

 20.3731, 0.4321,  
0.3111


 105.9500, 0.3813,  
0.3204

 12.6666, 0.4526,  
0.3067

135.1650, 0.3759,  
0.3213

 7.1994, 0.4811,  
0.2999

169.3100, 0.3713,  
0.3220

 3.5871, 0.5235,  
0.2886

208.7696, 0.3673,  
0.3226

 1.4454, 0.5929,  
0.2678

253.9280, 0.3638,

 0.2498, 0.8346,

0.3231

0.1654

305.1698, 0.3607,  
0.3235

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

44.0419, 0.4049,  
0.3164

44.0419, 0.4049,  
0.3164

36.3250, 0.4413,  
0.3138

53.5935, 0.3745,  
0.3195

30.3191, 0.4833,  
0.3122

65.0804, 0.3498,  
0.3227

25.8953, 0.5282,  
0.3121

78.6034, 0.3298,  
0.3258

22.9037, 0.5715,  
0.3143

94.2545, 0.3138,  
0.3288

■ 21.1652, 0.6068,  
0.3187

■ 99.0643, 0.3096,  
0.3290

■ 20.4152, 0.6283,  
0.3235

# Harmonies

## Analogous

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



44.0419, 0.3535, 0.2765



44.0419, 0.4049, 0.3164



44.0419, 0.4288, 0.3615

# Triad

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



44.0419, 0.4049, 0.3164



44.0419, 0.3227, 0.4300



44.0419, 0.2153, 0.2470

# Complementary

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



44.0419, 0.4049, 0.3164



80.8412, 0.2621, 0.3427

# 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.



44.0419, 0.2090, 0.2793



44.0419, 0.4049, 0.3164



44.0419, 0.2675, 0.3912

# Square

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



44.0419, 0.4049, 0.3164



44.0419, 0.3779, 0.4320



44.0419, 0.2269, 0.3322



44.0419, 0.2447, 0.2375



# Rectangle

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



44.0419, 0.4049, 0.3164



44.0419, 0.4251, 0.3907



44.0419, 0.2269, 0.3322



44.0419, 0.2105, 0.2552

# Sweetspot

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



44.0441, 0.4049, 0.3164



80.3882, 0.3320, 0.3255



45.9852, 0.3059, 0.2248



16.7913, 0.3345, 0.3251



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.



44.0441, 0.4049, 0.3164



39.2756, 0.4345, 0.3142



57.3296, 0.4004, 0.3691



17.2584, 0.3275, 0.3262



10.8393, 0.6258, 0.3221



1.0143, 0.6009, 0.3084



# Inverse Universe

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



44.0441, 0.4049, 0.3164



39.2756, 0.4345, 0.3142



60.5874, 0.2495, 0.2843



17.2584, 0.3275, 0.3262



10.8393, 0.6258, 0.3221

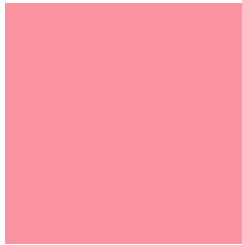


1.0143, 0.6009, 0.3084



# Previews

## White Background



This preview shows how the Yxy color 44.0419, 0.4049, 0.3164 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

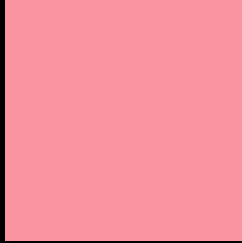
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.0419, 0.4049, 0.3164 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 44.0419, 0.4049, 0.3164**

## Background



This preview shows how black text looks on a background with the Yxy color 44.0419, 0.4049, 0.3164.



This preview shows how white text looks on a background with the Yxy color 44.0419, 0.4049, 0.3164.

# 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

44.0419, 0.4049, 0.3164

### Protanopia

44.4026, 0.3170, 0.3303

### Deuteranopia

44.2226, 0.3558, 0.3482



## Tritanopia

44.0070, 0.4060, 0.3175

# Trichromacy



## Original Color

44.0419, 0.4049, 0.3164

## Protanomaly

43.2965, 0.3469, 0.3241

## Deuteranomaly

43.8444, 0.3736, 0.3364

## Tritanomaly

44.0070, 0.4060, 0.3175

# Monochromacy



## Original Color

44.0419, 0.4049, 0.3164

## Achromatopsia

45.6411, 0.3127, 0.3290

## Achromatomaly

44.0015, 0.3428, 0.3229

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.0419, 0.4049, 0.3164 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, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(250, 148, 160)  
}
```

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, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 148, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 44.0419, 0.4049, 0.3164 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, 148, 160) }
```

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

```
.border{ border-color:rgb(250, 148, 160) }
```

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

Here you see how a box with a 4 pixel rgb(250, 148, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(250, 148,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.0419, 0.4049, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 148, 160) }
```

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

```
.background{ background-color: rgb(250,  
148, 160) }
```

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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