

# Converting Colors

Yxy(39.6022, 0.4441, 0.3423)

Have a look what the booklet for  
Yxy(39.6022, 0.4441, 0.3423)  
contains.

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# Color

**Yxy(39.4575, 0.4441, 0.3421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F78A7E
RGB	247, 138, 126
RGB Percent	97%, 54%, 49%
CMY	0.0312, 0.4589, 0.5058
CMYK	0.00, 0.44, 0.49, 0.03
HSL	6°, 88%, 73%
HSV	6°, 49%, 97%
XYZ	51.2221, 39.4575, 24.6595
YIQ	169.2230, 68.8160, 19.3760

# Conversions

## Conversions Part 2

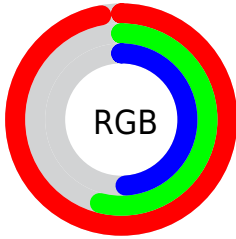
Format	Color
R <sub>Y</sub> B	247, 139, 126
Decimal	16222846
CIE Lab	69.08, 40.16, 24.78
CIE LCh	69, 47.190, 31.679
Yxy	39.4575, 0.4441, 0.3421
Android (android.graphics.Color)	4294412926 (0xFFFF78A7E)
YUV	169.2230, -21.3089, 68.2104
Hunter-Lab	62.8152, 35.6296, 20.6950

# Details

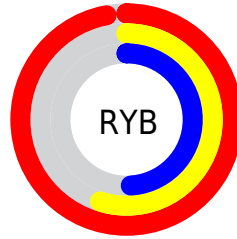
The Yxy color **39.4575, 0.4441, 0.3421** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.6085, 0.2456, 0.3145**, and the grayscale version is **39.8748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6546, 0.3756, 0.3438**, and **17.7562, 0.4835, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **33.1533, 0.4869, 0.3439**, and if you desaturate by 10%, it is **47.2320, 0.4066, 0.3396**.

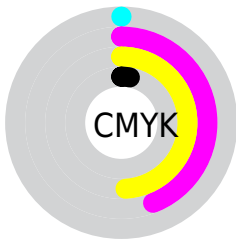
# Distribution



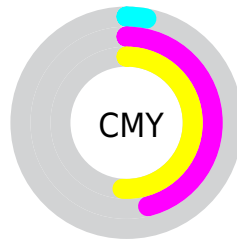
- Red (97%)
- Green (54%)
- Blue (49%)



- Red (97%)
- Yellow (55%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (49%)
- Black (3%)



- Cyan (3%)
- Magenta (46%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4575, 0.4441, 0.3421 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 39.4575, 0.4441, 0.3421 by changing the saturation by 10% instead.





 39.4575, 0.4441,  
0.3421


 39.4575, 0.4441,  
0.3421


343.8317, 0.3761,  
0.3387

 27.1158, 0.4615,  
0.3418


 74.3367, 0.4190,  
0.3417

 17.6602, 0.4838,  
0.3407


 97.6430, 0.4097,  
0.3413

 10.7063, 0.5134,  
0.3380


 125.3730, 0.4019,  
0.3408

 5.8697, 0.5541,  
0.3318

157.9110, 0.3952,  
0.3404

 2.7660, 0.6152,  
0.3193

195.6415, 0.3894,  
0.3399

 1.0108, 0.7103,  
0.2897

238.9489, 0.3844,

 0.0000, 1.0000,

0.3395

0.0000

288.2175, 0.3800,  
0.3391

0.0000, 0.0000,  
0.0000

39.4575, 0.4441,  
0.3421

39.4575, 0.4441,  
0.3421

33.1533, 0.4869,  
0.3439

47.2320, 0.4066,  
0.3396

28.2211, 0.5325,  
0.3443

56.5550, 0.3751,  
0.3368

24.5599, 0.5760,  
0.3429

67.5065, 0.3492,  
0.3340

22.0524, 0.6109,  
0.3396

80.1591, 0.3282,  
0.3313

20.5554, 0.6322,  
0.3352

94.5809, 0.3112,  
0.3288

■ 20.4518, 0.6338,  
0.3349

■ 98.5205, 0.3078,  
0.3290

# Harmonies

## Analogous

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



39.4575, 0.3990, 0.2920



39.4575, 0.4441, 0.3421



39.4575, 0.4476, 0.3943

# Triad

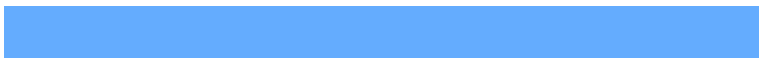
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.4575, 0.4441, 0.3421



39.4575, 0.2850, 0.4301



39.4575, 0.2148, 0.2235

# Complementary

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



39.4575, 0.4441, 0.3421



70.6085, 0.2456, 0.3145

# 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.



39.4575, 0.1925, 0.2447



39.4575, 0.4441, 0.3421



39.4575, 0.2288, 0.3638

# Square

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



39.4575, 0.4441, 0.3421



39.4575, 0.3522, 0.4571



39.4575, 0.1968, 0.2932



39.4575, 0.2624, 0.2269



# Rectangle

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



39.4575, 0.4441, 0.3421



39.4575, 0.4276, 0.4256



39.4575, 0.1968, 0.2932



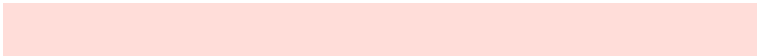
39.4575, 0.2045, 0.2276

# Sweetspot

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



39.4595, 0.4441, 0.3421



77.7234, 0.3404, 0.3329



40.8174, 0.3274, 0.2187



16.0391, 0.3450, 0.3335



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.



39.4595, 0.4441, 0.3421



35.5669, 0.4874, 0.3439



61.0427, 0.4098, 0.4034



16.7460, 0.3291, 0.3314



10.9040, 0.6323, 0.3362



1.0451, 0.6162, 0.3489



# Inverse Universe

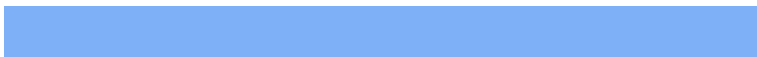
The Inverse Universe completely reimagines the original color for something new.



70.6085, 0.2456, 0.3145



72.5869, 0.2358, 0.3111



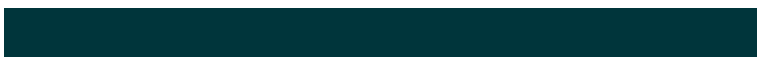
42.3776, 0.2311, 0.2388



18.4612, 0.2981, 0.3266



31.4606, 0.2160, 0.2976



2.8446, 0.2172, 0.3019



# Previews

## White Background



This preview shows how the Yxy color 39.4575, 0.4441, 0.3421 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

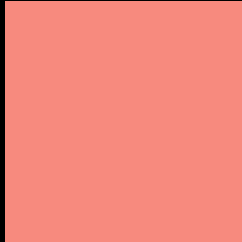
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.4575, 0.4441, 0.3421 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

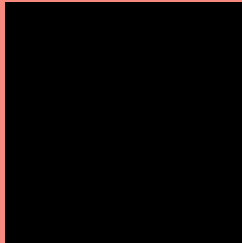
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.4575, 0.4441, 0.3421**

## Background



This preview shows how black text looks on a background with the Yxy color 39.4575, 0.4441, 0.3421.



This preview shows how white text looks on a background with the Yxy color 39.4575, 0.4441, 0.3421.

# 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

39.4575, 0.4441, 0.3421

### Protanopia

39.8531, 0.3477, 0.3694

### Deuteranopia

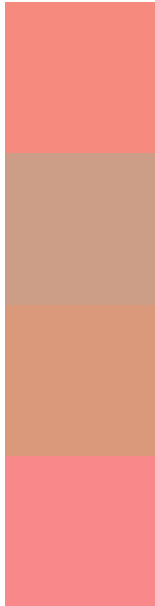
39.6633, 0.3892, 0.3810



## Tritanopia

39.3287, 0.4252, 0.3186

# Trichromacy



## Original Color

39.4575, 0.4441, 0.3421

## Protanomaly

39.0404, 0.3814, 0.3588

## Deuteranomaly

39.1180, 0.4102, 0.3657

## Tritanomaly

39.3998, 0.4327, 0.3272

# Monochromacy



## Original Color

39.4575, 0.4441, 0.3421

## Achromatopsia

39.6755, 0.3127, 0.3290

## Achromatomaly

38.6239, 0.3564, 0.3357

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.4575, 0.4441, 0.3421 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, 138, 126)` looks like.

```
.text, #text, p{  
    color:rgb(247, 138, 126)  
}
```

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, 138, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 138, 126) }
```

## Border

The CSS property to change the border of an element to Yxy 39.4575, 0.4441, 0.3421 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, 138, 126) }
```

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

```
.border{ border-color:rgb(247, 138, 126) }
```

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

Here you see how a box with a 4 pixel rgb(247, 138, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 138, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 138, 126);  
box-shadow:4px 4px 4px 4px rgb(247, 138,  
126) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.4575, 0.4441, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 138, 126) }
```

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

```
.background{ background-color: rgb(247,  
138, 126) }
```

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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