

# Converting Colors

Yxy(39.6894, 0.4352, 0.3424)

Have a look what the booklet for  
Yxy(39.6894, 0.4352, 0.3424)  
contains.

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# Color

**Yxy(39.6894, 0.4352, 0.3424)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F38D81
RGB	243, 141, 129
RGB Percent	95%, 55%, 51%
CMY	0.0471, 0.4470, 0.4940
CMYK	0.00, 0.42, 0.47, 0.05
HSL	6°, 83%, 73%
HSV	6°, 47%, 95%
XYZ	50.4463, 39.6894, 25.7796
YIQ	170.1300, 64.6440, 17.8920

# Conversions

## Conversions Part 2

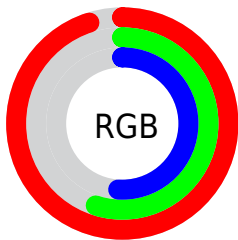
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 142, 129
Decimal	15961473
CIE Lab	69.25, 37.38, 23.25
CIE LCh	69, 44.019, 31.884
Yxy	39.6894, 0.4352, 0.3424
Android (android.graphics.Color)	4294151553 (0xFFFF38D81)
YUV	170.1300, -20.2771, 63.9070
Hunter-Lab	62.9995, 32.6832, 19.8380

# Details

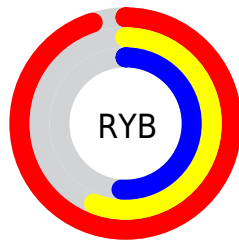
The Yxy color **39.6894, 0.4352, 0.3424** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2873, 0.2477, 0.3144**, and the grayscale version is **40.3481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1173, 0.3722, 0.3438**, and **17.7912, 0.4715, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **33.3246, 0.4768, 0.3445**, and if you desaturate by 10%, it is **47.4703, 0.3992, 0.3397**.

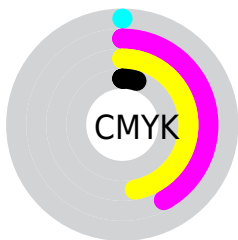
# Distribution



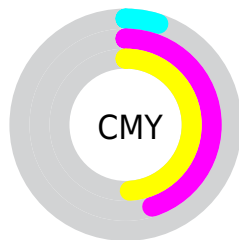
- Red (95%)
- Green (55%)
- Blue (51%)



- Red (95%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (42%)
- Yellow (47%)
- Black (5%)




- Cyan (5%)
- Magenta (45%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6894, 0.4352, 0.3424 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 39.6894, 0.4352, 0.3424 by changing the saturation by 10% instead.





 39.6894, 0.4352,  
0.3424


 39.6894, 0.4352,  
0.3424


344.8127, 0.3718,  
0.3384

 27.2965, 0.4514,  
0.3424


 74.6903, 0.4118,  
0.3417

 17.7960, 0.4724,  
0.3418


 98.0671, 0.4031,  
0.3412

 10.8036, 0.5003,  
0.3399


 125.8739, 0.3958,  
0.3407

 5.9349, 0.5388,  
0.3350

158.4952, 0.3896,  
0.3402

 2.8056, 0.5958,  
0.3240

196.3153, 0.3842,  
0.3397

 1.0311, 0.6974,  
0.3026

239.7187, 0.3795,


 0.0000, 1.0000,


0.3392


0.0000


289.0897, 0.3754,  
0.3388

 0.0000, 0.0000,  
0.0000

 39.6894, 0.4352,  
0.3424


 39.6894, 0.4352,  
0.3424

 33.3246, 0.4768,  
0.3445

 47.4703, 0.3992,  
0.3397


 28.2850, 0.5218,  
0.3453


 56.7394, 0.3691,  
0.3367


 24.4783, 0.5661,  
0.3444


 67.5707, 0.3444,  
0.3337


 21.7977, 0.6034,  
0.3413

 80.0318, 0.3243,  
0.3308

 20.1176, 0.6279,  
0.3366

 94.1863, 0.3080,  
0.3282

 19.7711, 0.6332,  
0.3355

 97.7915, 0.3053,  
0.3290

# Harmonies

## Analogous

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



39.6894, 0.3935, 0.2949



39.6894, 0.4352, 0.3424



39.6894, 0.4387, 0.3915

# Triad

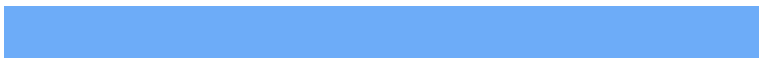
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.6894, 0.4352, 0.3424



39.6894, 0.2869, 0.4220



39.6894, 0.2211, 0.2299

# Complementary

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



39.6894, 0.4352, 0.3424



68.2873, 0.2477, 0.3144

# 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.



39.6894, 0.1997, 0.2501



39.6894, 0.4352, 0.3424



39.6894, 0.2341, 0.3611

# Square

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



39.6894, 0.4352, 0.3424



39.6894, 0.3499, 0.4479



39.6894, 0.2038, 0.2958



39.6894, 0.2663, 0.2330



# Rectangle

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



39.6894, 0.4352, 0.3424



39.6894, 0.4202, 0.4204



39.6894, 0.2038, 0.2958



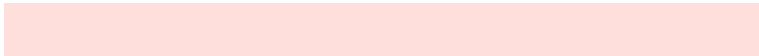
39.6894, 0.2112, 0.2339

# Sweetspot

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



39.6914, 0.4352, 0.3424



79.1955, 0.3382, 0.3328



40.5617, 0.3284, 0.2246



16.3348, 0.3428, 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.



39.6914, 0.4352, 0.3424



37.6709, 0.4735, 0.3444



60.7516, 0.4038, 0.4023



16.7630, 0.3291, 0.3316



10.9437, 0.6316, 0.3367



1.0531, 0.6148, 0.3500



# Inverse Universe

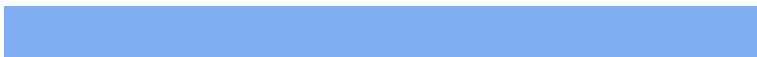
The Inverse Universe completely reimagines the original color for something new.



68.2873, 0.2477, 0.3144



72.9842, 0.2383, 0.3110



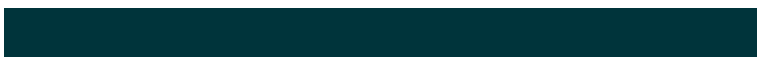
41.6470, 0.2343, 0.2410



18.4424, 0.2981, 0.3264



31.0301, 0.2154, 0.2956



2.8112, 0.2167, 0.3001



# Previews

## White Background



This preview shows how the Yxy color 39.6894, 0.4352, 0.3424 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 39.6894, 0.4352, 0.3424 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 39.6894, 0.4352, 0.3424**

## Background



This preview shows how black text looks on a background with the Yxy color 39.6894, 0.4352, 0.3424.



This preview shows how white text looks on a background with the Yxy color 39.6894, 0.4352, 0.3424.

# 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

39.6894, 0.4352, 0.3424

### Protanopia

39.9126, 0.3459, 0.3666

### Deuteranopia

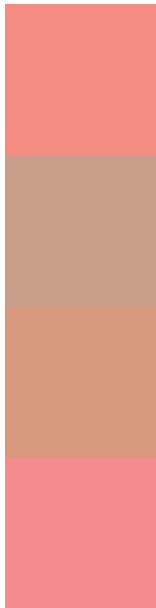
39.6007, 0.3853, 0.3773



## Tritanopia

39.5482, 0.4166, 0.3184

# Trichromacy



## Original Color

39.6894, 0.4352, 0.3424

## Protanomaly

39.1590, 0.3770, 0.3577

## Deuteranomaly

39.2165, 0.4046, 0.3636

## Tritanomaly

39.6214, 0.4240, 0.3272

# Monochromacy



## Original Color

39.6894, 0.4352, 0.3424

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

39.0331, 0.3541, 0.3344

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.6894, 0.4352, 0.3424 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(243, 141, 129)` looks like.

```
.text, #text, p{  
    color:rgb(243, 141, 129)  
}
```

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(243, 141, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 141, 129) }
```

## Border

The CSS property to change the border of an element to Yxy 39.6894, 0.4352, 0.3424 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(243, 141, 129) }
```

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

```
.border{ border-color:rgb(243, 141, 129) }
```

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

Here you see how a box with a 4 pixel rgb(243, 141, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 141, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 141, 129);  
box-shadow:4px 4px 4px 4px rgb(243, 141,  
129) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.6894, 0.4352, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 141, 129) }
```

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

```
.background{ background-color: rgb(243,  
141, 129) }
```

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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