

# Converting Colors

Yxy(51.4808, 0.3967, 0.3415)

Have a look what the booklet for  
Yxy(51.4808, 0.3967, 0.3415)  
contains.

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# Color

**Yxy(51.3924, 0.3962, 0.3411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9AA9F
RGB	249, 170, 159
RGB Percent	98%, 67%, 62%
CMY	0.0236, 0.3333, 0.3764
CMYK	0.00, 0.32, 0.36, 0.02
HSL	7°, 88%, 80%
HSV	7°, 36%, 98%
XYZ	59.6941, 51.3924, 39.5801
YIQ	192.3670, 50.6150, 13.3270

# Conversions

## Conversions Part 2

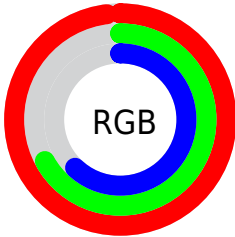
Format	Color
R <sub>Y</sub> B	249, 172, 159
Decimal	16362143
CIE Lab	76.92, 27.69, 17.46
CIE LCh	77, 32.735, 32.241
Yxy	51.3924, 0.3962, 0.3411
Android (android.graphics.Color)	4294552223 (0xFFF9AA9F)
YUV	192.3670, -16.4499, 49.6671
Hunter-Lab	71.6885, 23.1799, 17.4472

# Details

The Yxy color **51.3924, 0.3962, 0.3411** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.3435, 0.2601, 0.3163**, and the grayscale version is **53.0156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5078, 0.3414, 0.3411**, and **24.7524, 0.4184, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **43.0913, 0.4314, 0.3443**, and if you desaturate by 10%, it is **61.2343, 0.3668, 0.3376**.

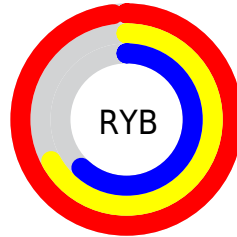
# Distribution



Red (98%)

Green (67%)

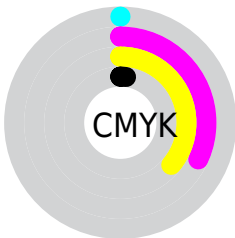
Blue (62%)



Red (98%)

Yellow (67%)

Blue (62%)

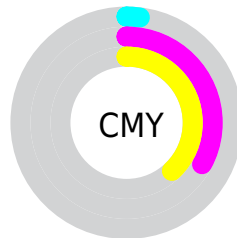


Cyan (0%)

Magenta (32%)

Yellow (36%)

Black (2%)



Cyan (2%)

Magenta (33%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3924, 0.3962, 0.3411 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 51.3924, 0.3962, 0.3411 by changing the saturation by 10% instead.





 51.3924, 0.3962,  
0.3411

 51.3924, 0.3962,  
0.3411


392.0864, 0.3547,  
0.3365

 36.5210, 0.4064,  
0.3418


 92.2345, 0.3812,  
0.3397

 24.8368, 0.4194,  
0.3425


 118.9741, 0.3756,  
0.3391

 15.9555, 0.4364,  
0.3430

150.4384, 0.3708,  
0.3386

 9.4927, 0.4597,  
0.3429

187.0120, 0.3666,  
0.3381

 5.0639, 0.4930,  
0.3413

229.0792, 0.3631,  
0.3376

 2.2848, 0.5444,  
0.3355

277.0244, 0.3599,

 0.7657, 0.6676,

0.3372

0.3324

331.2320, 0.3572,  
0.3368

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

51.3924, 0.3962,  
0.3411

51.3924, 0.3962,  
0.3411

43.0913, 0.4314,  
0.3443

61.2343, 0.3668,  
0.3376

36.2459, 0.4721,  
0.3468

72.6818, 0.3426,  
0.3342

30.7740, 0.5164,  
0.3480

85.8050, 0.3229,  
0.3309

26.5821, 0.5606,  
0.3472

98.8753, 0.3090,  
0.3290

■ 23.5653, 0.5986,  
0.3439

■ 21.6011, 0.6245,  
0.3387

■ 21.0869, 0.6315,  
0.3368

# Harmonies

## Analogous

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



51.3924, 0.3683, 0.3062



51.3924, 0.3962, 0.3411



51.3924, 0.3994, 0.3757

# Triad

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



51.3924, 0.3962, 0.3411



51.3924, 0.2958, 0.3898



51.3924, 0.2485, 0.2590

# Complementary

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



51.3924, 0.3962, 0.3411



75.3435, 0.2601, 0.3163

# 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.



51.3924, 0.2325, 0.2748



51.3924, 0.3962, 0.3411



51.3924, 0.2582, 0.3507

# Square

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



51.3924, 0.3962, 0.3411



51.3924, 0.3397, 0.4085



51.3924, 0.2358, 0.3075



51.3924, 0.2816, 0.2606



# Rectangle

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



51.3924, 0.3962, 0.3411



51.3924, 0.3875, 0.3945



51.3924, 0.2358, 0.3075



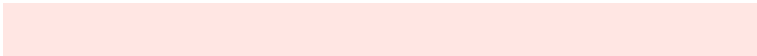
51.3924, 0.2411, 0.2623

# Sweetspot

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



51.3949, 0.3962, 0.3411



83.6091, 0.3320, 0.3325



51.1377, 0.3255, 0.2486



17.4962, 0.3347, 0.3329



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.



51.3949, 0.3962, 0.3411



48.0294, 0.4199, 0.3434



70.9807, 0.3791, 0.3872



17.5671, 0.3291, 0.3320



11.3965, 0.6297, 0.3382



1.1610, 0.6121, 0.3522



# Inverse Universe

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



75.3435, 0.2601, 0.3163



76.5313, 0.2516, 0.3135



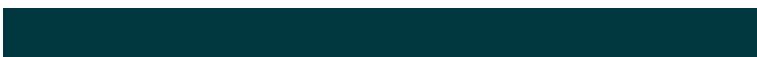
52.5715, 0.2526, 0.2626



19.2248, 0.2980, 0.3260



30.7956, 0.2139, 0.2899



2.9509, 0.2153, 0.2950



# Previews

## White Background



This preview shows how the Yxy color 51.3924, 0.3962, 0.3411 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

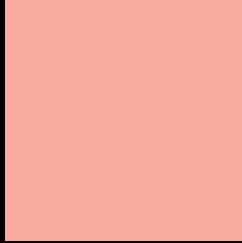
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.3924, 0.3962, 0.3411 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 51.3924, 0.3962, 0.3411**

## Background



This preview shows how black text looks on a background with the Yxy color 51.3924, 0.3962, 0.3411.



This preview shows how white text looks on a background with the Yxy color 51.3924, 0.3962, 0.3411.

# 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

51.3924, 0.3962, 0.3411

### Protanopia

51.8336, 0.3367, 0.3552

### Deuteranopia

51.5169, 0.3671, 0.3599



## Tritanopia

51.4420, 0.3791, 0.3153

# Trichromacy



**Original Color**

51.3924, 0.3962, 0.3411

**Protanomaly**

51.3353, 0.3575, 0.3506

**Deuteranomaly**

51.2983, 0.3778, 0.3521

**Tritanomaly**

51.3078, 0.3855, 0.3249

# Monochromacy



**Original Color**

51.3924, 0.3962, 0.3411

**Achromatopsia**

52.7115, 0.3127, 0.3290

**Achromatomaly**

51.7224, 0.3409, 0.3339

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.3924, 0.3962, 0.3411 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(249, 170, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 170, 159)  
}
```

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(249, 170, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 170, 159) }
```

## Border

The CSS property to change the border of an element to Yxy 51.3924, 0.3962, 0.3411 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(249, 170, 159) }
```

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

```
.border{ border-color:rgb(249, 170, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 170, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 170, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 170, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 170,  
159) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.3924, 0.3962, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 170, 159) }
```

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

```
.background{ background-color: rgb(249,  
170, 159) }
```

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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