

Converting Colors

$Yxy(39.4289, 0.4326, 0.3261)$

Have a look what the booklet for
Yxy(39.4289, 0.4326, 0.3261)
contains.

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Color

Yxy(39.6121, 0.4325, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	F9888B
RGB	249, 136, 139
RGB Percent	98%, 53%, 55%
CMY	0.0237, 0.4665, 0.4549
CMYK	0.00, 0.45, 0.44, 0.02
HSL	358°, 90%, 75%
HSV	358°, 45%, 98%
XYZ	52.5206, 39.6121, 29.3023
YIQ	170.1290, 66.3850, 24.8890

Conversions

Conversions Part 2

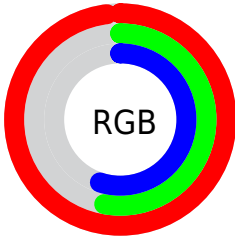
Format	Color
R _Y B	249, 136, 139
Decimal	16353419
CIE Lab	69.19, 43.09, 17.76
CIE LCh	69, 46.606, 22.397
Yxy	39.6121, 0.4325, 0.3262
Android (android.graphics.Color)	4294543499 (0xFFFF9888B)
YUV	170.1290, -15.3466, 69.1699
Hunter-Lab	62.9381, 38.8130, 16.4529

Details

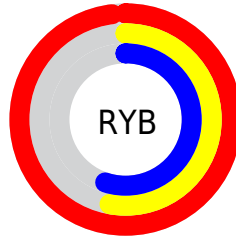
The Yxy color **39.6121, 0.4325, 0.3262** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.6176, 0.2531, 0.3323**, and the grayscale version is **40.3223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3274, 0.3653, 0.3281**, and **17.7266, 0.4696, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **32.7635, 0.4757, 0.3259**, and if you desaturate by 10%, it is **48.2504, 0.3956, 0.3268**.

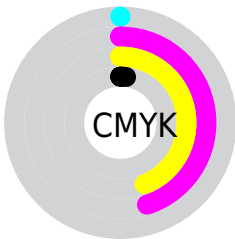
Distribution



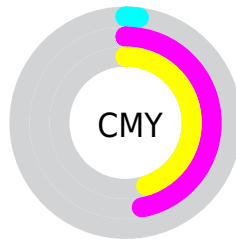
- Red (98%)
- Green (53%)
- Blue (55%)



- Red (98%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (45%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6121, 0.4325, 0.3262 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 39.6121, 0.4325, 0.3262 by changing the saturation by 10% instead.

 39.6121, 0.4325,
0.3262

 39.6121, 0.4325,
0.3262


344.4859, 0.3704,
0.3300


 27.2362, 0.4485,
0.3245


 74.5725, 0.4095,
0.3282

 17.7507, 0.4691,
0.3217


 97.9258, 0.4010,
0.3287

 10.7712, 0.4969,
0.3173


 125.7070, 0.3939,
0.3291

 5.9132, 0.5356,
0.3094

158.3005, 0.3878,
0.3294

 2.7924, 0.5923,
0.2943

196.0908, 0.3826,
0.3296

 1.0243, 0.7215,
0.2785

239.4622, 0.3780,


 0.0000, 1.0000,


0.3298


0.0000

288.7991, 0.3740,
0.3299


 0.0000, 0.0000,
0.0000


 39.6121, 0.4325,
0.3262


 39.6121, 0.4325,
0.3262

 32.7635, 0.4757,
0.3259


 48.2504, 0.3956,
0.3268


 27.5735, 0.5231,
0.3259

 58.7852, 0.3653,
0.3274

 23.9034, 0.5697,
0.3263


 71.3222, 0.3409,
0.3280

 21.5889, 0.6083,
0.3274

 85.9575, 0.3215,
0.3287

 20.4277, 0.6321,
0.3287

 98.8725, 0.3090,
0.3290

 20.1468, 0.6382,
0.3289

Harmonies

Analogous

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



39.6121, 0.3780, 0.2787



39.6121, 0.4325, 0.3262



39.6121, 0.4494, 0.3780

Triad

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



39.6121, 0.4325, 0.3262



39.6121, 0.3057, 0.4420



39.6121, 0.2064, 0.2285

Complementary

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



39.6121, 0.4325, 0.3262



79.6176, 0.2531, 0.3323

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.



39.6121, 0.1923, 0.2577



39.6121, 0.4325, 0.3262



39.6121, 0.2449, 0.3857

Square

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



39.6121, 0.4325, 0.3262



39.6121, 0.3718, 0.4539



39.6121, 0.2051, 0.3138



39.6121, 0.2461, 0.2247

Rectangle

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



39.6121, 0.4325, 0.3262



39.6121, 0.4373, 0.4109



39.6121, 0.2051, 0.3138



39.6121, 0.1988, 0.2352

Sweetspot

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



39.6141, 0.4325, 0.3262



77.2596, 0.3381, 0.3281



43.9025, 0.3146, 0.2171



15.8714, 0.3427, 0.3280



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.



39.6141, 0.4325, 0.3262



35.4310, 0.4698, 0.3259



58.1912, 0.4079, 0.3851



17.2326, 0.3290, 0.3284



10.7913, 0.6374, 0.3285



1.0020, 0.6308, 0.3248

Inverse Universe

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



39.6141, 0.4325, 0.3262



35.4310, 0.4698, 0.3259



51.6718, 0.2403, 0.2639



17.2326, 0.3290, 0.3284



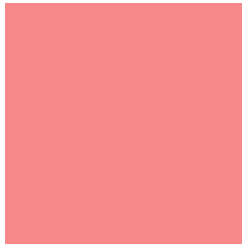
10.7913, 0.6374, 0.3285



1.0020, 0.6308, 0.3248

Previews

White Background



This preview shows how the Yxy color 39.6121, 0.4325, 0.3262 looks on a white background.

Color Contrast Check

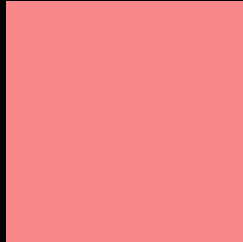
Large Text (above 18pt) WCAG AA × Fail

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 39.6121, 0.4325, 0.3262 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 39.6121, 0.4325, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 39.6121, 0.4325, 0.3262.



This preview shows how white text looks on a background with the Yxy color 39.6121, 0.4325, 0.3262.

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

39.6121, 0.4325, 0.3262

Protanopia

39.9726, 0.3314, 0.3485

Deuteranopia

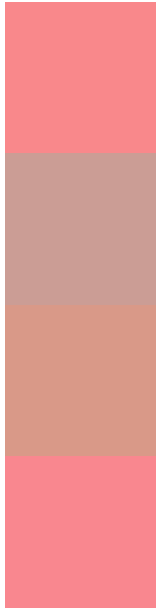
39.9214, 0.3742, 0.3672



Tritanopia

39.5120, 0.4262, 0.3187

Trichromacy



Original Color

39.6121, 0.4325, 0.3262

Protanomaly

38.9804, 0.3667, 0.3395

Deuteranomaly

39.3118, 0.3958, 0.3501

Tritanomaly

39.4509, 0.4285, 0.3208

Monochromacy



Original Color

39.6121, 0.4325, 0.3262

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0990, 0.3525, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6121, 0.4325, 0.3262 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, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(249, 136, 139)  
}
```

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, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 136, 139) }
```

Border

The CSS property to change the border of an element to Yxy 39.6121, 0.4325, 0.3262 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, 136, 139) }
```

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

```
.border{ border-color:rgb(249, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 136, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 136, 139);  
box-shadow:4px 4px 4px 4px rgb(249, 136,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6121, 0.4325, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 136, 139) }
```

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

```
.background{ background-color: rgb(249,  
136, 139) }
```

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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