

Converting Colors

$Yxy(39.6491, 0.4480, 0.3271)$

Have a look what the booklet for
Yxy(39.6491, 0.4480, 0.3271)
contains.

Yxy(39.4838, 0.4460, 0.3273)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4838, 0.4460, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	FF8486
RGB	255, 132, 134
RGB Percent	100%, 52%, 53%
CMY	0.0000, 0.4824, 0.4744
CMYK	0.00, 0.48, 0.47, 0.00
HSL	359°, 100%, 76%
HSV	359°, 48%, 100%
XYZ	53.8032, 39.4838, 27.3479
YIQ	169.0050, 72.6660, 26.6980

Conversions

Conversions Part 2

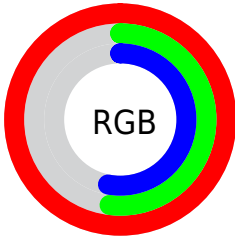
Format	Color
R _Y B	255, 132, 134
Decimal	16745606
CIE Lab	69.10, 46.80, 20.54
CIE LCh	69, 51.108, 23.692
Yxy	39.4838, 0.4460, 0.3273
Android (android.graphics.Color)	4294935686 (0xFFFF8486)
YUV	169.0050, -17.2575, 75.4176
Hunter-Lab	62.8361, 42.8766, 18.1807

Details

The Yxy color **39.4838, 0.4460, 0.3273** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5139, 0.2498, 0.3311**, and the grayscale version is **39.7351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3885, 0.3706, 0.3292**, and **17.7014, 0.4867, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **32.7715, 0.4912, 0.3272**, and if you desaturate by 10%, it is **48.0455, 0.4067, 0.3276**.

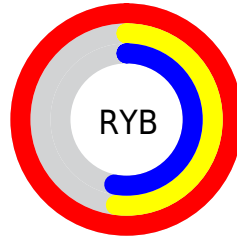
Distribution



Red (100%)

Green (52%)

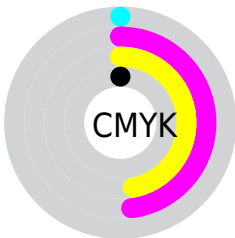
Blue (53%)



Red (100%)

Yellow (52%)

Blue (53%)

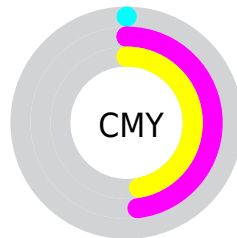


Cyan (0%)

Magenta (48%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4838, 0.4460, 0.3273 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 39.4838, 0.4460, 0.3273 by changing the saturation by 10% instead.


 39.4838, 0.4460,
0.3273


 39.4838, 0.4460,
0.3273


343.9430, 0.3770,
0.3311


 27.1363, 0.4637,
0.3253


 74.3768, 0.4205,
0.3294

 17.6756, 0.4865,
0.3222


 97.6911, 0.4111,
0.3300

 10.7173, 0.5168,
0.3170


 125.4298, 0.4031,
0.3304

 5.8771, 0.5587,
0.3078

157.9773, 0.3963,
0.3307

 2.7705, 0.6191,
0.2902

195.7180, 0.3905,
0.3309

 1.0131, 0.7365,
0.2635

239.0362, 0.3854,


 0.0000, 1.0000,


0.3310


0.0000


288.3165, 0.3809,
0.3311


 0.0000, 0.0000,
0.0000


 39.4838, 0.4460,
0.3273


 39.4838, 0.4460,
0.3273


 32.7715, 0.4912,
0.3272


 48.0455, 0.4067,
0.3276


 27.7808, 0.5394,
0.3273

 58.5895, 0.3741,
0.3279

 24.3524, 0.5844,
0.3278

 71.2254, 0.3478,
0.3283

 22.3017, 0.6186,
0.3286

 86.0575, 0.3268,
0.3287

 21.3763, 0.6368,
0.3293

100.0000, 0.3127,
0.3290

 21.2693, 0.6389,
0.3293

Harmonies

Analogous

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



39.4838, 0.3873, 0.2761



39.4838, 0.4460, 0.3273



39.4838, 0.4618, 0.3830

Triad

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



39.4838, 0.4460, 0.3273



39.4838, 0.3009, 0.4526



39.4838, 0.1988, 0.2191

Complementary

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



39.4838, 0.4460, 0.3273



83.5139, 0.2498, 0.3311

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.



39.4838, 0.1826, 0.2487



39.4838, 0.4460, 0.3273



39.4838, 0.2359, 0.3882

Square

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



39.4838, 0.4460, 0.3273



39.4838, 0.3730, 0.4665



39.4838, 0.1945, 0.3083



39.4838, 0.2424, 0.2166

Rectangle

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



39.4838, 0.4460, 0.3273



39.4838, 0.4467, 0.4188



39.4838, 0.1945, 0.3083



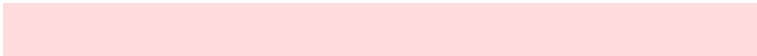
39.4838, 0.1904, 0.2257

Sweetspot

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



39.4807, 0.4460, 0.3273



77.2413, 0.3383, 0.3285



44.5920, 0.3164, 0.2113



15.8670, 0.3430, 0.3284



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.



39.4807, 0.4460, 0.3273



32.9123, 0.4901, 0.3272



60.3806, 0.4148, 0.3905



17.9920, 0.3292, 0.3287



11.1158, 0.6384, 0.3290



1.0839, 0.6344, 0.3268

Inverse Universe

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



39.4807, 0.4460, 0.3273



32.9123, 0.4901, 0.3272



51.3986, 0.2353, 0.2562



17.9920, 0.3292, 0.3287



11.1158, 0.6384, 0.3290



1.0839, 0.6344, 0.3268

Previews

White Background



This preview shows how the Yxy color 39.4838, 0.4460, 0.3273 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 39.4838, 0.4460, 0.3273 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 39.4838, 0.4460, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 39.4838, 0.4460, 0.3273.



This preview shows how white text looks on a background with the Yxy color 39.4838, 0.4460, 0.3273.

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

39.4838, 0.4460, 0.3273

Protanopia

39.8730, 0.3340, 0.3527

Deuteranopia

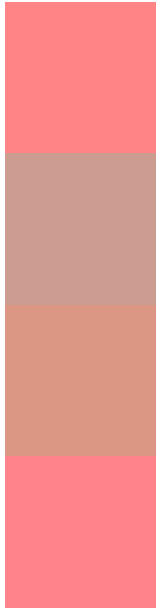
39.5678, 0.3805, 0.3723



Tritanopia

39.4157, 0.4385, 0.3191

Trichromacy



Original Color

39.4838, 0.4460, 0.3273

Protanomaly

38.8004, 0.3731, 0.3433

Deuteranomaly

38.8320, 0.4040, 0.3535

Tritanomaly

39.3276, 0.4419, 0.3222

Monochromacy



Original Color

39.4838, 0.4460, 0.3273

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.4566, 0.3570, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4838, 0.4460, 0.3273 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(255, 132, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 134)  
}
```

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(255, 132, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 134) }
```

Border

The CSS property to change the border of an element to Yxy 39.4838, 0.4460, 0.3273 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(255, 132, 134) }
```

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

```
.border{ border-color:rgb(255, 132, 134) }
```

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

Here you see how a box with a 4 pixel rgb(255, 132, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4838, 0.4460, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 134) }
```

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

```
.background{ background-color: rgb(255,  
132, 134) }
```

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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