

Converting Colors

$Y_{xy}(71.6344, 0.5301, 0.3255)$

Have a look what the booklet for
Yxy(71.6344, 0.5301, 0.3255)
contains.

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Color

Yxy(39.3276, 0.4419, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	FF838A
RGB	255, 131, 138
RGB Percent	100%, 51%, 54%
CMY	0.0001, 0.4862, 0.4588
CMYK	0.00, 0.49, 0.46, 0.00
HSL	357°, 100%, 76%
HSV	357°, 49%, 100%
XYZ	53.9381, 39.3276, 28.7939
YIQ	168.8740, 71.6570, 28.4650

Conversions

Conversions Part 2

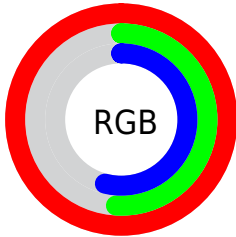
Format	Color
R _Y B	255, 131, 138
Decimal	16745354
CIE Lab	68.99, 47.63, 18.16
CIE LCh	69, 50.974, 20.867
Yxy	39.3276, 0.4419, 0.3222
Android (android.graphics.Color)	4294935434 (0xFFFF838A)
YUV	168.8740, -15.2209, 75.5325
Hunter-Lab	62.7117, 43.7817, 16.6754

Details

The Yxy color **39.3276, 0.4419, 0.3222** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.1106, 0.2515, 0.3368**, and the grayscale version is **39.6637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1394, 0.3674, 0.3239**, and **17.4817, 0.4818, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **32.6799, 0.4857, 0.3215**, and if you desaturate by 10%, it is **47.8188, 0.4040, 0.3234**.

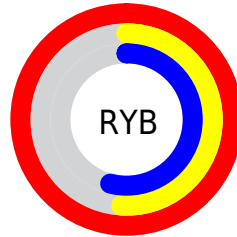
Distribution



Red (100%)

Green (51%)

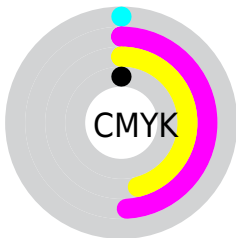
Blue (54%)



Red (100%)

Yellow (51%)

Blue (54%)

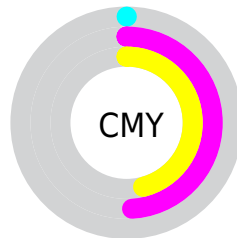


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3276, 0.4419, 0.3222 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 39.3276, 0.4419, 0.3222 by changing the saturation by 10% instead.


 39.3276, 0.4419,
0.3222


 39.3276, 0.4419,
0.3222


343.2813, 0.3750,
0.3283


 27.0147, 0.4591,
0.3198


 74.1385, 0.4172,
0.3251

 17.5842, 0.4813,
0.3161


 97.4053, 0.4080,
0.3260

 10.6519, 0.5110,
0.3104


 125.0921, 0.4003,
0.3266

 5.8333, 0.5523,
0.3006

157.5835, 0.3937,
0.3271

 2.7440, 0.6122,
0.2827

195.2636, 0.3880,
0.3275

 0.9996, 0.7403,
0.2597

238.5171, 0.3831,

 0.0000, 1.0000,

0.3278

0.0000

287.7282, 0.3788,
0.3281

■ 0.0000, 0.0000,
0.0000

■ 39.3276, 0.4419,
0.3222

■ 39.3276, 0.4419,
0.3222

■ 32.6799, 0.4857,
0.3215

■ 47.8188, 0.4040,
0.3234

■ 27.7333, 0.5326,
0.3215

■ 58.2698, 0.3727,
0.3249

■ 24.3350, 0.5775,
0.3227

■ 70.7946, 0.3473,
0.3264

■ 22.3016, 0.6131,
0.3249

■ 85.4965, 0.3269,
0.3278

■ 21.3753, 0.6341,
0.3276

99.9959, 0.3127,
0.3290

■ 21.2886, 0.6360,
0.3277

Harmonies

Analogous

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



39.3276, 0.3802, 0.2719



39.3276, 0.4419, 0.3222



39.3276, 0.4622, 0.3777

Triad

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



39.3276, 0.4419, 0.3222



39.3276, 0.3078, 0.4561



39.3276, 0.1963, 0.2208

Complementary

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



39.3276, 0.4419, 0.3222



83.1106, 0.2515, 0.3368

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.



39.3276, 0.1826, 0.2531



39.3276, 0.4419, 0.3222



39.3276, 0.2413, 0.3955

Square

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



39.3276, 0.4419, 0.3222



39.3276, 0.3794, 0.4649



39.3276, 0.1973, 0.3153



39.3276, 0.2372, 0.2159

Rectangle

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



39.3276, 0.4419, 0.3222



39.3276, 0.4497, 0.4139



39.3276, 0.1973, 0.3153



39.3276, 0.1886, 0.2283

Sweetspot

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



39.3296, 0.4419, 0.3222



75.8664, 0.3394, 0.3269



43.1796, 0.3110, 0.2085



15.5996, 0.3439, 0.3266



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.



39.3296, 0.4419, 0.3222



33.0440, 0.4828, 0.3215



57.4831, 0.4192, 0.3848



18.0036, 0.3286, 0.3277



11.1324, 0.6344, 0.3268



1.0895, 0.6212, 0.3196

Inverse Universe

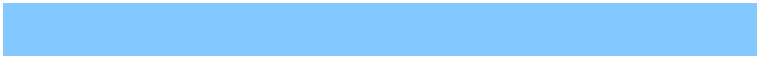
The Inverse Universe completely reimagines the original color for something new.



39.3296, 0.4419, 0.3222



33.0440, 0.4828, 0.3215



53.9423, 0.2362, 0.2634



18.0036, 0.3286, 0.3277



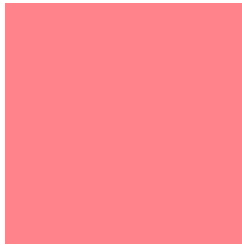
11.1324, 0.6344, 0.3268



1.0895, 0.6212, 0.3196

Previews

White Background



This preview shows how the Yxy color 39.3276, 0.4419, 0.3222 looks on a white background.

Color Contrast Check

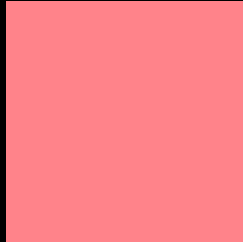
Large Text (above 18pt) WCAG AA × Fail

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 39.3276, 0.4419, 0.3222 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 39.3276, 0.4419, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 39.3276, 0.4419, 0.3222.



This preview shows how white text looks on a background with the Yxy color 39.3276, 0.4419, 0.3222.

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

39.3276, 0.4419, 0.3222

Protanopia

39.5535, 0.3288, 0.3444

Deuteranopia

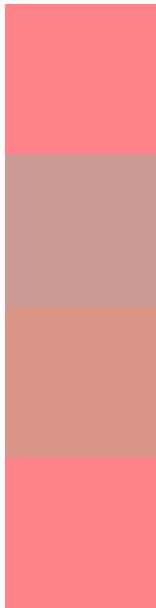
39.4044, 0.3746, 0.3674



Tritanopia

39.3860, 0.4396, 0.3201

Trichromacy



Original Color

39.3276, 0.4419, 0.3222

Protanomaly

38.4821, 0.3674, 0.3356

Deuteranomaly

38.7879, 0.3988, 0.3488

Tritanomaly

39.3567, 0.4408, 0.3212

Monochromacy



Original Color

39.3276, 0.4419, 0.3222

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.1907, 0.3552, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3276, 0.4419, 0.3222 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, 131, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 138)  
}
```

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, 131, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 138) }
```

Border

The CSS property to change the border of an element to Yxy 39.3276, 0.4419, 0.3222 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, 131, 138) }
```

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

```
.border{ border-color:rgb(255, 131, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3276, 0.4419, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 138) }
```

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

```
.background{ background-color: rgb(255,  
131, 138) }
```

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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