

Converting Colors

Yxy(39.4760, 0.4342, 0.3253)

Have a look what the booklet for
Yxy(39.4760, 0.4342, 0.3253)
contains.

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Color

Yxy(39.5160, 0.4340, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FA878B
RGB	250, 135, 139
RGB Percent	98%, 53%, 55%
CMY	0.0196, 0.4706, 0.4548
CMYK	0.00, 0.46, 0.44, 0.02
HSL	358°, 92%, 75%
HSV	358°, 46%, 98%
XYZ	52.7528, 39.5160, 29.2815
YIQ	169.8410, 67.2560, 25.6240

Conversions

Conversions Part 2

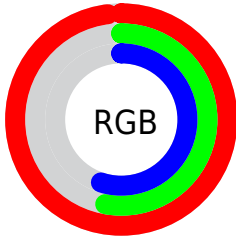
Format	Color
R _Y B	250, 135, 139
Decimal	16418699
CIE Lab	69.12, 43.99, 17.67
CIE LCh	69, 47.408, 21.884
Yxy	39.5160, 0.4340, 0.3251
Android (android.graphics.Color)	4294608779 (0xFFFA878B)
YUV	169.8410, -15.2046, 70.2994
Hunter-Lab	62.8618, 39.7870, 16.3855

Details

The Yxy color **39.5160, 0.4340, 0.3251** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.1818, 0.2529, 0.3335**, and the grayscale version is **40.1686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8927, 0.3655, 0.3271**, and **17.7030, 0.4716, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **32.7125, 0.4772, 0.3246**, and if you desaturate by 10%, it is **48.1168, 0.3970, 0.3259**.

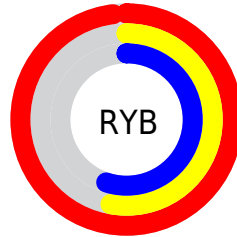
Distribution



Red (98%)

Green (53%)

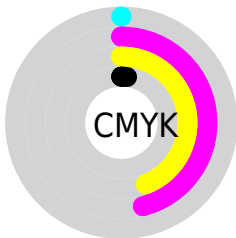
Blue (55%)



Red (98%)

Yellow (53%)

Blue (55%)

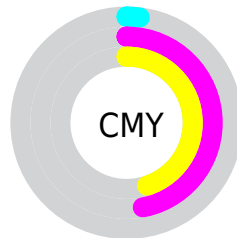


Cyan (0%)

Magenta (46%)

Yellow (44%)

Black (2%)



Cyan (2%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5160, 0.4340, 0.3251 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 39.5160, 0.4340, 0.3251 by changing the saturation by 10% instead.


 39.5160, 0.4340,
0.3251

 39.5160, 0.4340,
0.3251


344.0793, 0.3712,
0.3295

 27.1614, 0.4502,
0.3232


 74.4259, 0.4108,
0.3273

 17.6945, 0.4711,
0.3203


 97.7500, 0.4021,
0.3279

 10.7308, 0.4992,
0.3155


 125.4994, 0.3949,
0.3284

 5.8862, 0.5383,
0.3072

158.0585, 0.3887,
0.3287

 2.7760, 0.5957,
0.2916

195.8116, 0.3834,
0.3290

 1.0159, 0.7255,
0.2745

239.1432, 0.3788,


 0.0000, 1.0000,


0.3292


0.0000


288.4376, 0.3747,
0.3294


 0.0000, 0.0000,
0.0000


 39.5160, 0.4340,
0.3251


 39.5160, 0.4340,
0.3251


 32.7125, 0.4772,
0.3246


 48.1168, 0.3970,
0.3259

 27.5737, 0.5245,
0.3246


 58.6235, 0.3666,
0.3267


 23.9581, 0.5708,
0.3252

 71.1429, 0.3421,
0.3276

 21.6986, 0.6088,
0.3265

 85.7725, 0.3225,
0.3285

 20.5879, 0.6323,
0.3283

 99.0661, 0.3096,
0.3290

■ 20.3452, 0.6375,
0.3286

Harmonies

Analogous

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



39.5160, 0.3779, 0.2771



39.5160, 0.4340, 0.3251



39.5160, 0.4518, 0.3776

Triad

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



39.5160, 0.4340, 0.3251



39.5160, 0.3066, 0.4449



39.5160, 0.2043, 0.2271

Complementary

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



39.5160, 0.4340, 0.3251



80.1818, 0.2529, 0.3335

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.



39.5160, 0.1905, 0.2572



39.5160, 0.4340, 0.3251



39.5160, 0.2446, 0.3881

Square

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



39.5160, 0.4340, 0.3251



39.5160, 0.3737, 0.4559



39.5160, 0.2038, 0.3145



39.5160, 0.2440, 0.2230

Rectangle

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



39.5160, 0.4340, 0.3251



39.5160, 0.4398, 0.4112



39.5160, 0.2038, 0.3145



39.5160, 0.1968, 0.2341

Sweetspot

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



39.5180, 0.4340, 0.3251



77.2762, 0.3379, 0.3278



43.5098, 0.3129, 0.2150



15.8753, 0.3425, 0.3276



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.



39.5180, 0.4340, 0.3251



34.8123, 0.4729, 0.3246



57.5114, 0.4106, 0.3839



17.2350, 0.3289, 0.3282



10.7950, 0.6365, 0.3280



1.0032, 0.6277, 0.3232

Inverse Universe

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



39.5180, 0.4340, 0.3251



34.8123, 0.4729, 0.3246



52.5583, 0.2397, 0.2652



17.2350, 0.3289, 0.3282



10.7950, 0.6365, 0.3280



1.0032, 0.6277, 0.3232

Previews

White Background



This preview shows how the Yxy color 39.5160, 0.4340, 0.3251 looks on a white background.

Color Contrast Check

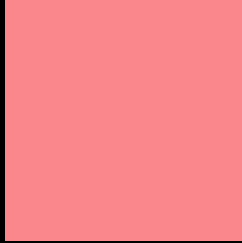
Large Text (above 18pt) WCAG AA × Fail

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 39.5160, 0.4340, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

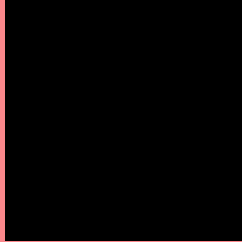
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5160, 0.4340, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 39.5160, 0.4340, 0.3251.



This preview shows how white text looks on a background with the Yxy color 39.5160, 0.4340, 0.3251.

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

39.5160, 0.4340, 0.3251

Protanopia

39.8902, 0.3295, 0.3471

Deuteranopia

39.4322, 0.3736, 0.3660



Tritanopia

39.3878, 0.4288, 0.3188

Trichromacy



Original Color

39.5160, 0.4340, 0.3251



Protanomaly

38.8725, 0.3647, 0.3382



Deuteranomaly

38.8330, 0.3953, 0.3489



Tritanomaly

39.3272, 0.4311, 0.3209

Monochromacy



Original Color

39.5160, 0.4340, 0.3251



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.7593, 0.3527, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5160, 0.4340, 0.3251 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(250, 135, 139)` looks like.

```
.text, #text, p{  
    color:rgb(250, 135, 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(250, 135, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 135, 139) }
```

Border

The CSS property to change the border of an element to Yxy 39.5160, 0.4340, 0.3251 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(250, 135, 139) }
```

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

```
.border{ border-color:rgb(250, 135, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 135, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 135, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 135, 139);  
box-shadow:4px 4px 4px 4px rgb(250, 135,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5160, 0.4340, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 135, 139) }
```

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

```
.background{ background-color: rgb(250,  
135, 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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