

Converting Colors

$Y_{xy}(39.0259, 0.4429, 0.3282)$

Have a look what the booklet for
Yxy(39.0259, 0.4429, 0.3282)
contains.

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Color

Yxy(39.1917, 0.4427, 0.3283)

Conversions

Conversions Part 1

Format	Color
Hex	FC8586
RGB	252, 133, 134
RGB Percent	99%, 52%, 53%
CMY	0.0116, 0.4785, 0.4745
CMYK	0.00, 0.47, 0.47, 0.01
HSL	359°, 95%, 75%
HSV	359°, 47%, 99%
XYZ	52.8485, 39.1917, 27.3375
YIQ	168.6950, 70.6030, 25.5390

Conversions

Conversions Part 2

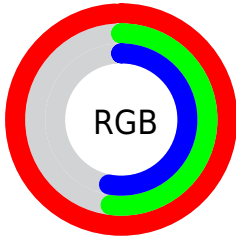
Format	Color
R_{YB}	252, 133, 134
Decimal	16549254
CIE _{Lab}	68.89, 45.25, 20.19
CIE _{LCh}	69, 49.547, 24.047
Yxy	39.1917, 0.4427, 0.3283
Android (android.graphics.Color)	4294739334 (0xFFFC8586)
YUV	168.6950, -17.1046, 73.0585
Hunter-Lab	62.6033, 41.1306, 17.9316

Details

The Yxy color **39.1917, 0.4427, 0.3283** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.5998, 0.2504, 0.3300**, and the grayscale version is **39.5768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8143, 0.3703, 0.3302**, and **17.4538, 0.4825, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **32.4854, 0.4877, 0.3283**, and if you desaturate by 10%, it is **47.7221, 0.4038, 0.3284**.

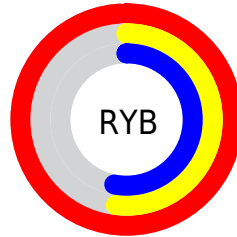
Distribution



Red (99%)

Green (52%)

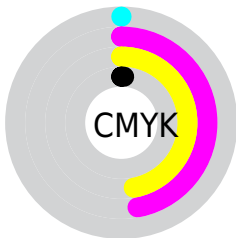
Blue (53%)



Red (99%)

Yellow (52%)

Blue (53%)

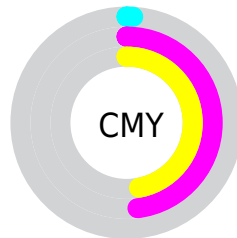


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (1%)



Cyan (1%)


Magenta (48%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1917, 0.4427, 0.3283 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 39.1917, 0.4427, 0.3283 by changing the saturation by 10% instead.


 39.1917, 0.4427,
0.3283

 39.1917, 0.4427,
0.3283


342.7048, 0.3753,
0.3315


 26.9089, 0.4600,
0.3265


 73.9311, 0.4178,
0.3302

 17.5048, 0.4824,
0.3237


 97.1564, 0.4085,
0.3307

 10.5951, 0.5122,
0.3188


 124.7981, 0.4008,
0.3310

 5.7952, 0.5536,
0.3101

157.2405, 0.3942,
0.3312

 2.7210, 0.6135,
0.2932

194.8679, 0.3885,
0.3313

 0.9879, 0.7320,
0.2680

238.0649, 0.3835,


 0.0000, 1.0000,

0.3314


0.0000

287.2157, 0.3792,
0.3315


 0.0000, 0.0000,
0.0000


 39.1917, 0.4427,
0.3283


 39.1917, 0.4427,
0.3283


 32.4854, 0.4877,
0.3283


 47.7221, 0.4038,
0.3284

 27.4650, 0.5360,
0.3284


 58.1895, 0.3716,
0.3285

 23.9825, 0.5816,
0.3287


 70.7051, 0.3457,
0.3287

 21.8614, 0.6169,
0.3292

 85.3697, 0.3250,
0.3289

 20.8749, 0.6362,
0.3296

 99.4440, 0.3109,
0.3290

 20.7088, 0.6394,
0.3296

Harmonies

Analogous

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



39.1917, 0.3861, 0.2781



39.1917, 0.4427, 0.3283



39.1917, 0.4577, 0.3828

Triad

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



39.1917, 0.4427, 0.3283



39.1917, 0.3007, 0.4482



39.1917, 0.2019, 0.2217

Complementary

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



39.1917, 0.4427, 0.3283



81.5998, 0.2504, 0.3300

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.



39.1917, 0.1857, 0.2504



39.1917, 0.4427, 0.3283



39.1917, 0.2374, 0.3855

Square

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



39.1917, 0.4427, 0.3283



39.1917, 0.3710, 0.4628



39.1917, 0.1972, 0.3082



39.1917, 0.2449, 0.2193

Rectangle

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



39.1917, 0.4427, 0.3283



39.1917, 0.4429, 0.4176



39.1917, 0.1972, 0.3082



39.1917, 0.1935, 0.2281

Sweetspot

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



39.1937, 0.4427, 0.3283



77.2264, 0.3385, 0.3288



44.1347, 0.3164, 0.2135



15.8634, 0.3433, 0.3287



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.



39.1937, 0.4427, 0.3283



33.4823, 0.4868, 0.3283



59.4519, 0.4120, 0.3893



17.2277, 0.3293, 0.3288



10.7841, 0.6392, 0.3295



0.9996, 0.6369, 0.3282

Inverse Universe

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



39.1937, 0.4427, 0.3283



33.4823, 0.4868, 0.3283



50.8199, 0.2369, 0.2580



17.2277, 0.3293, 0.3288



10.7841, 0.6392, 0.3295



0.9996, 0.6369, 0.3282

Previews

White Background



This preview shows how the Yxy color 39.1917, 0.4427, 0.3283 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 39.1917, 0.4427, 0.3283 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 39.1917, 0.4427, 0.3283

Background



This preview shows how black text looks on a background with the Yxy color 39.1917, 0.4427, 0.3283.



This preview shows how white text looks on a background with the Yxy color 39.1917, 0.4427, 0.3283.

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

39.1917, 0.4427, 0.3283

Protanopia

39.4697, 0.3351, 0.3528

Deuteranopia

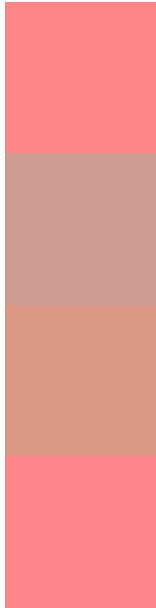
39.4314, 0.3795, 0.3725



Tritanopia

39.3083, 0.4361, 0.3200

Trichromacy



Original Color

39.1917, 0.4427, 0.3283

Protanomaly

38.3244, 0.3725, 0.3420

Deuteranomaly

38.6773, 0.4030, 0.3536

Tritanomaly

39.2202, 0.4395, 0.3231

Monochromacy



Original Color

39.1917, 0.4427, 0.3283

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.3193, 0.3560, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1917, 0.4427, 0.3283 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(252, 133, 134)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 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(252, 133, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 134) }
```

Border

The CSS property to change the border of an element to Yxy 39.1917, 0.4427, 0.3283 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(252, 133, 134) }
```

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

```
.border{ border-color:rgb(252, 133, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 133, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 134);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1917, 0.4427, 0.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 133, 134) }
```

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

```
.background{ background-color: rgb(252,  
133, 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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