

Converting Colors

$Y_{xy}(39.5849, 0.4280, 0.3293)$

Have a look what the booklet for
Yxy(39.5849, 0.4280, 0.3293)
contains.

Yxy(39.4535, 0.4277, 0.3283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.4535, 0.4277, 0.3283)

Conversions

Conversions Part 1

Format	Color
Hex	F58A8B
RGB	245, 138, 139
RGB Percent	96%, 54%, 55%
CMY	0.0393, 0.4587, 0.4550
CMYK	0.00, 0.44, 0.43, 0.04
HSL	359°, 84%, 75%
HSV	359°, 44%, 96%
XYZ	51.3989, 39.4535, 29.3227
YIQ	170.1070, 63.4510, 22.9950

Conversions

Conversions Part 2

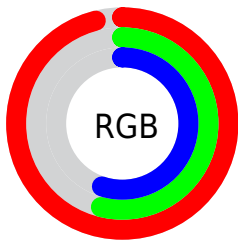
Format	Color
R _Y B	245, 138, 139
Decimal	16091787
CIE Lab	69.08, 40.64, 17.53
CIE LCh	69, 44.260, 23.336
Yxy	39.4535, 0.4277, 0.3283
Android (android.graphics.Color)	4294281867 (0xFFFF58A8B)
YUV	170.1070, -15.3358, 65.6812
Hunter-Lab	62.8120, 36.1450, 16.2899

Details

The Yxy color **39.4535, 0.4277, 0.3283** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.2325, 0.2540, 0.3299**, and the grayscale version is **40.3101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2057, 0.3648, 0.3302**, and **17.6911, 0.4624, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **32.5672, 0.4706, 0.3283**, and if you desaturate by 10%, it is **48.0866, 0.3913, 0.3284**.

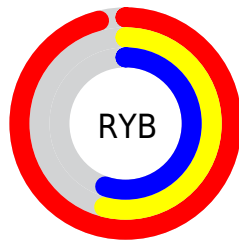
Distribution



Red (96%)

Green (54%)

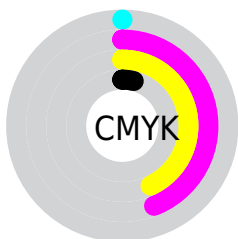
Blue (55%)



Red (96%)

Yellow (54%)

Blue (55%)

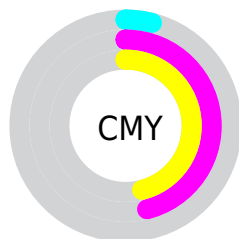


Cyan (0%)

Magenta (44%)

Yellow (43%)

Black (4%)



Cyan (4%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4535, 0.4277, 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 39.4535, 0.4277, 0.3283 by changing the saturation by 10% instead.


 39.4535, 0.4277,
0.3283


 39.4535, 0.4277,
0.3283

343.8147, 0.3681,
0.3309

 27.1127, 0.4431,
0.3269


 74.3306, 0.4056,
0.3298

 17.6579, 0.4630,
0.3246


 97.6357, 0.3974,
0.3302

 10.7046, 0.4898,
0.3208


 125.3643, 0.3906,
0.3304

 5.8686, 0.5274,
0.3139

157.9009, 0.3847,
0.3306

 2.7653, 0.5828,
0.3002

195.6299, 0.3797,
0.3307

 1.0105, 0.7123,
0.2877

238.9356, 0.3753,

 0.0000, 1.0000,

0.3308

0.0000

288.2024, 0.3715,
0.3308

■ 0.0000, 0.0000,
0.0000

■ 39.4535, 0.4277,
0.3283

■ 39.4535, 0.4277,
0.3283

■ 32.5672, 0.4706,
0.3283

■ 48.0866, 0.3913,
0.3284

■ 27.3034, 0.5182,
0.3283

■ 58.5679, 0.3616,
0.3286

■ 23.5307, 0.5655,
0.3286

■ 70.9983, 0.3377,
0.3288

■ 21.0949, 0.6055,
0.3290

■ 85.4695, 0.3187,
0.3289

■ 19.8084, 0.6310,
0.3295

■ 98.1493, 0.3066,
0.3290

■ 19.4141, 0.6394,
0.3296

Harmonies

Analogous

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



39.4535, 0.3769, 0.2823



39.4535, 0.4277, 0.3283



39.4535, 0.4427, 0.3780

Triad

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



39.4535, 0.4277, 0.3283



39.4535, 0.3044, 0.4347



39.4535, 0.2118, 0.2325

Complementary

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



39.4535, 0.4277, 0.3283



77.2325, 0.2540, 0.3299

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.



39.4535, 0.1975, 0.2600



39.4535, 0.4277, 0.3283



39.4535, 0.2467, 0.3807

Square

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



39.4535, 0.4277, 0.3283



39.4535, 0.3676, 0.4480



39.4535, 0.2091, 0.3129



39.4535, 0.2507, 0.2293

Rectangle

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



39.4535, 0.4277, 0.3283



39.4535, 0.4307, 0.4092



39.4535, 0.2091, 0.3129



39.4535, 0.2042, 0.2388

Sweetspot

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



39.4555, 0.4277, 0.3283



78.7047, 0.3364, 0.3288



43.8646, 0.3162, 0.2215



16.1543, 0.3411, 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.



39.4555, 0.4277, 0.3283



36.7223, 0.4636, 0.3283



57.9501, 0.4024, 0.3848



16.4849, 0.3292, 0.3288



10.4615, 0.6391, 0.3295



0.9203, 0.6367, 0.3281

Inverse Universe

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



39.4555, 0.4277, 0.3283



36.7223, 0.4636, 0.3283



50.2622, 0.2426, 0.2645



16.4849, 0.3292, 0.3288



10.4615, 0.6391, 0.3295



0.9203, 0.6367, 0.3281

Previews

White Background



This preview shows how the Yxy color 39.4535, 0.4277, 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 39.4535, 0.4277, 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 39.4535, 0.4277, 0.3283

Background



This preview shows how black text looks on a background with the Yxy color 39.4535, 0.4277, 0.3283.



This preview shows how white text looks on a background with the Yxy color 39.4535, 0.4277, 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

39.4535, 0.4277, 0.3283

Protanopia

39.5685, 0.3324, 0.3485

Deuteranopia

39.4602, 0.3727, 0.3647



Tritanopia

39.5907, 0.4201, 0.3185

Trichromacy



Original Color

39.4535, 0.4277, 0.3283

Protanomaly

38.7014, 0.3647, 0.3395

Deuteranomaly

38.8562, 0.3928, 0.3503

Tritanomaly

39.4978, 0.4235, 0.3218

Monochromacy



Original Color

39.4535, 0.4277, 0.3283

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.8272, 0.3505, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4535, 0.4277, 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(245, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(245, 138, 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(245, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 138, 139) }
```

Border

The CSS property to change the border of an element to Yxy 39.4535, 0.4277, 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(245, 138, 139) }
```

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

```
.border{ border-color:rgb(245, 138, 139) }
```

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

Here you see how a box with a 4 pixel rgb(245, 138, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(245, 138,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4535, 0.4277, 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(245, 138, 139) }
```

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

```
.background{ background-color: rgb(245,  
138, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor