

Converting Colors

$Y_{xy}(38.9177, 0.4162, 0.2978)$

Have a look what the booklet for
Yxy(38.9177, 0.4162, 0.2978)
contains.

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Color

Yxy(39.0864, 0.4164, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	FD819F
RGB	253, 129, 159
RGB Percent	99%, 51%, 62%
CMY	0.0078, 0.4941, 0.3765
CMYK	0.00, 0.49, 0.37, 0.01
HSL	345°, 97%, 75%
HSV	345°, 49%, 99%
XYZ	54.6160, 39.0864, 37.4600
YIQ	169.4960, 64.2740, 35.6180

Conversions

Conversions Part 2

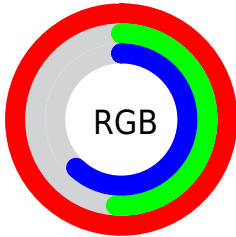
Format	Color
R_{YB}	253, 129, 159
Decimal	16613791
CIE Lab	68.81, 50.11, 6.09
CIE LCh	69, 50.476, 6.929
Yxy	39.0864, 0.4164, 0.2980
Android (android.graphics.Color)	4294803871 (0xFFFD819F)
YUV	169.4960, -5.1745, 73.2330
Hunter-Lab	62.5191, 46.5272, 8.2382

Details

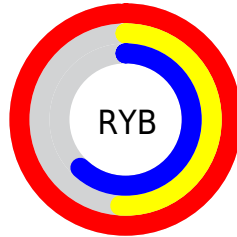
The Yxy color **39.0864, 0.4164, 0.2980** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.2491, 0.2613, 0.3647**, and the grayscale version is **39.9381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8130, 0.3481, 0.2993**, and **17.4523, 0.4477, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **32.6126, 0.4512, 0.2934**, and if you desaturate by 10%, it is **47.3173, 0.3865, 0.3040**.

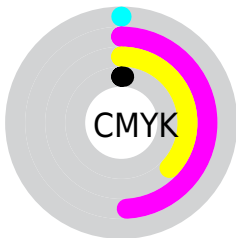
Distribution



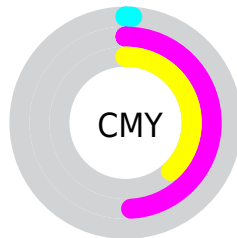
- Red (99%)
- Green (51%)
- Blue (62%)



- Red (99%)
- Yellow (51%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (37%)
- Black (1%)





- Cyan (1%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0864, 0.4164, 0.2980 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 39.0864, 0.4164, 0.2980 by changing the saturation by 10% instead.


 39.0864, 0.4164,
0.2980


 39.0864, 0.4164,
0.2980


342.2577, 0.3629,
0.3147


 26.8269, 0.4302,
0.2934


 73.7703, 0.3966,
0.3044

 17.4433, 0.4481,
0.2874


 96.9635, 0.3893,
0.3067

 10.5511, 0.4722,
0.2790

 124.5701, 0.3831,
0.3086

 5.7658, 0.5063,
0.2667

156.9745, 0.3779,
0.3102

 2.7032, 0.5576,
0.2472

194.5611, 0.3734,
0.3116

 0.9788, 0.6459,
0.2146

237.7142, 0.3694,

 0.0000, 1.0000,

0.3128

0.0000

286.8183, 0.3660,
0.3138

■ 0.0000, 0.0000,
0.0000

■ 39.0864, 0.4164,
0.2980

■ 39.0864, 0.4164,
0.2980

■ 32.6126, 0.4512,
0.2934

■ 47.3173, 0.3865,
0.3040

■ 27.7611, 0.4898,
0.2913

■ 57.4151, 0.3617,
0.3106

■ 24.3873, 0.5298,
0.2926

■ 69.4876, 0.3414,
0.3172

■ 22.3176, 0.5670,
0.2981

■ 83.6328, 0.3249,
0.3236

■ 21.2972, 0.5973,
0.3070

■ 99.6169, 0.3115,
0.3291

■ 21.2219, 0.5999,
0.3079

99.6232, 0.3115,
0.3290

Harmonies

Analogous

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



39.0864, 0.3441, 0.2529



39.0864, 0.4164, 0.2980



39.0864, 0.4576, 0.3517

Triad

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



39.0864, 0.4164, 0.2980



39.0864, 0.3415, 0.4659



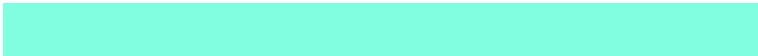
39.0864, 0.1873, 0.2328

Complementary

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



39.0864, 0.4164, 0.2980



80.2491, 0.2613, 0.3647

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.



39.0864, 0.1866, 0.2789



39.0864, 0.4164, 0.2980



39.0864, 0.2706, 0.4280

Square

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



39.0864, 0.4164, 0.2980



39.0864, 0.4084, 0.4519



39.0864, 0.2150, 0.3519



39.0864, 0.2155, 0.2158

Rectangle

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



39.0864, 0.4164, 0.2980



39.0864, 0.4594, 0.3887



39.0864, 0.2150, 0.3519



39.0864, 0.1840, 0.2448

Sweetspot

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



39.0884, 0.4164, 0.2980



76.2478, 0.3343, 0.3198



38.3247, 0.2910, 0.2002



15.6902, 0.3380, 0.3184



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.



39.0884, 0.4164, 0.2980



33.1926, 0.4512, 0.2934



47.6122, 0.4334, 0.3618



18.0591, 0.3256, 0.3233



11.3080, 0.5961, 0.3057



1.1173, 0.5648, 0.2885

Inverse Universe

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



39.0884, 0.4164, 0.2980



33.1926, 0.4512, 0.2934



64.0044, 0.2411, 0.2917



18.0591, 0.3256, 0.3233



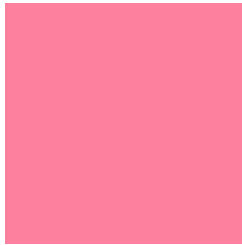
11.3080, 0.5961, 0.3057



1.1173, 0.5648, 0.2885

Previews

White Background



This preview shows how the Yxy color 39.0864, 0.4164, 0.2980 looks on a white background.

Color Contrast Check

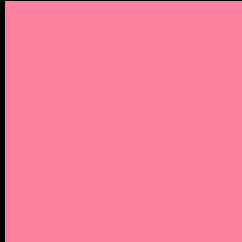
Large Text (above 18pt) WCAG AA × Fail

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 39.0864, 0.4164, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

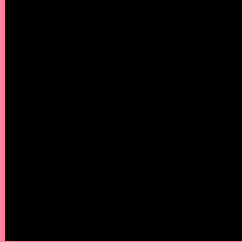
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0864, 0.4164, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 39.0864, 0.4164, 0.2980.



This preview shows how white text looks on a background with the Yxy color 39.0864, 0.4164, 0.2980.

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

39.0864, 0.4164, 0.2980

Protanopia

39.2985, 0.3019, 0.3097

Deuteranopia

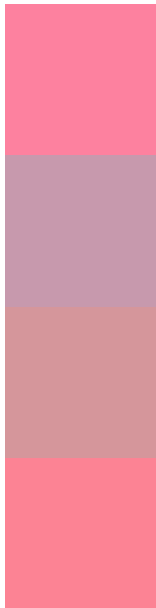
39.0877, 0.3483, 0.3412



Tritanopia

39.1510, 0.4340, 0.3189

Trichromacy



Original Color

39.0864, 0.4164, 0.2980

Protanomaly

37.9417, 0.3398, 0.3034

Deuteranomaly

38.3254, 0.3730, 0.3230

Tritanomaly

39.0662, 0.4275, 0.3115

Monochromacy



Original Color

39.0864, 0.4164, 0.2980

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.1072, 0.3485, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0864, 0.4164, 0.2980 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(253, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(253, 129, 159)  
}
```

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(253, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 129, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.0864, 0.4164, 0.2980 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(253, 129, 159) }
```

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

```
.border{ border-color:rgb(253, 129, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 129, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 129, 159);  
box-shadow:4px 4px 4px 4px rgb(253, 129,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0864, 0.4164, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 129, 159) }
```

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

```
.background{ background-color: rgb(253,  
129, 159) }
```

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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