

Converting Colors

$Y_{xy}(39.2259, 0.4138, 0.2923)$

Have a look what the booklet for
Yxy(39.2259, 0.4138, 0.2923)
contains.

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Color

Yxy(39.3427, 0.4140, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	FF80A3
RGB	255, 128, 163
RGB Percent	100%, 50%, 64%
CMY	0.0000, 0.4980, 0.3608
CMYK	0.00, 0.50, 0.36, 0.00
HSL	343°, 100%, 75%
HSV	343°, 50%, 100%
XYZ	55.5711, 39.3427, 39.3159
YIQ	169.9630, 64.4570, 37.8090

Conversions

Conversions Part 2

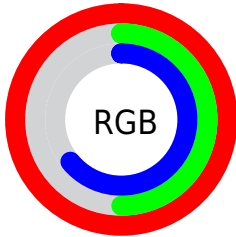
Format	Color
R_{YB}	255, 128, 163
Decimal	16744611
CIE _{Lab}	69.00, 51.72, 4.13
CIE _{LCh}	69, 51.884, 4.567
Yxy	39.3427, 0.4140, 0.2931
Android (android.graphics.Color)	4294934691 (0xFFFF80A3)
YUV	169.9630, -3.4328, 74.5774
Hunter-Lab	62.7238, 48.3782, 6.7431

Details

The Yxy color **39.3427, 0.4140, 0.2931** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.2770, 0.2627, 0.3707**, and the grayscale version is **40.1732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6029, 0.3450, 0.2943**, and **17.6474, 0.4455, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **32.8921, 0.4474, 0.2879**, and if you desaturate by 10%, it is **47.5638, 0.3853, 0.2999**.

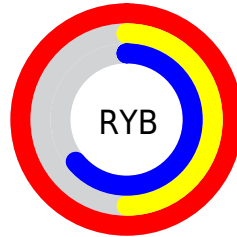
Distribution



Red (100%)

Green (50%)

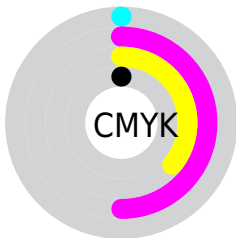
Blue (64%)



Red (100%)

Yellow (50%)

Blue (64%)

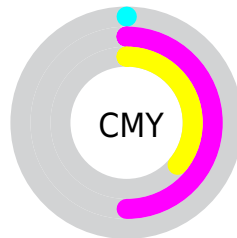


Cyan (0%)

Magenta (50%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3427, 0.4140, 0.2931 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 39.3427, 0.4140, 0.2931 by changing the saturation by 10% instead.


 39.3427, 0.4140,
0.2931


 39.3427, 0.4140,
0.2931


343.3453, 0.3619,
0.3121

 27.0264, 0.4274,
0.2881


 74.1616, 0.3948,
0.3002

 17.5931, 0.4447,
0.2815


 97.4329, 0.3876,
0.3028

 10.6582, 0.4681,
0.2724


 125.1248, 0.3816,
0.3050

 5.8375, 0.5010,
0.2594

157.6216, 0.3765,
0.3068

 2.7465, 0.5504,
0.2391

195.3076, 0.3721,
0.3084

 1.0009, 0.6319,
0.2051

238.5673, 0.3683,

 0.0000, 1.0000,

0.3098


0.0000

287.7851, 0.3649,
0.3110

 0.0000, 0.0000,
0.0000


 39.3427, 0.4140,
0.2931

 39.3427, 0.4140,
0.2931


 32.8921, 0.4474,
0.2879


 47.5638, 0.3853,
0.2999

 28.0763, 0.4844,
0.2853


 57.6698, 0.3613,
0.3074

 24.7459, 0.5227,
0.2866

 69.7701, 0.3415,
0.3149

 22.7221, 0.5587,
0.2924

 83.9645, 0.3255,
0.3223

 21.7213, 0.5889,
0.3019

100.0000, 0.3127,
0.3290

■ 21.7056, 0.5894,
0.3021

Harmonies

Analogous

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



39.3427, 0.3385, 0.2482



39.3427, 0.4140, 0.2931



39.3427, 0.4596, 0.3474

Triad

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



39.3427, 0.4140, 0.2931



39.3427, 0.3477, 0.4703



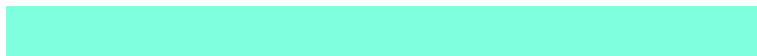
39.3427, 0.1835, 0.2331

Complementary

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



39.3427, 0.4140, 0.2931



81.2770, 0.2627, 0.3707

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.



39.3427, 0.1850, 0.2824



39.3427, 0.4140, 0.2931



39.3427, 0.2748, 0.4359

Square

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



39.3427, 0.4140, 0.2931



39.3427, 0.4150, 0.4517



39.3427, 0.2161, 0.3590



39.3427, 0.2101, 0.2137

Rectangle

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



39.3427, 0.4140, 0.2931



39.3427, 0.4638, 0.3851



39.3427, 0.2161, 0.3590



39.3427, 0.1809, 0.2461

Sweetspot

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



39.3440, 0.4140, 0.2931



76.3190, 0.3334, 0.3185



37.7225, 0.2868, 0.1968



15.7072, 0.3369, 0.3170



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.



39.3440, 0.4140, 0.2931



32.7814, 0.4481, 0.2878



46.4350, 0.4388, 0.3578



18.0693, 0.3251, 0.3225



11.3631, 0.5853, 0.2998



1.1239, 0.5534, 0.2822

Inverse Universe

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



39.3440, 0.4140, 0.2931



32.7814, 0.4481, 0.2878



67.0131, 0.2411, 0.2962



18.0693, 0.3251, 0.3225



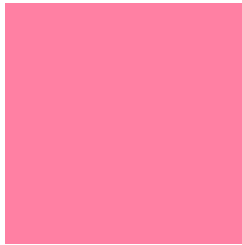
11.3631, 0.5853, 0.2998



1.1239, 0.5534, 0.2822

Previews

White Background



This preview shows how the Yxy color 39.3427, 0.4140, 0.2931 looks on a white background.

Color Contrast Check

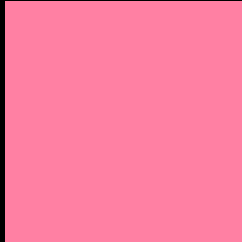
Large Text (above 18pt) WCAG AA × Fail

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 39.3427, 0.4140, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

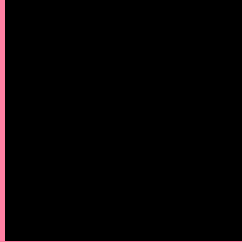
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3427, 0.4140, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 39.3427, 0.4140, 0.2931.



This preview shows how white text looks on a background with the Yxy color 39.3427, 0.4140, 0.2931.

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

39.3427, 0.4140, 0.2931

Protanopia

39.7659, 0.2970, 0.3044

Deuteranopia

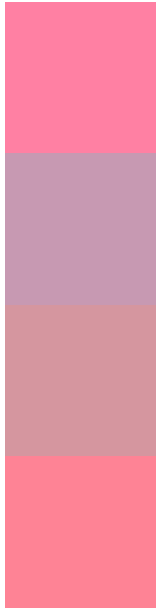
39.4475, 0.3433, 0.3371



Tritanopia

39.3083, 0.4361, 0.3200

Trichromacy



Original Color

39.3427, 0.4140, 0.2931

Protanomaly

38.1389, 0.3349, 0.2972

Deuteranomaly

38.4620, 0.3688, 0.3180

Tritanomaly

39.4734, 0.4282, 0.3106

Monochromacy



Original Color

39.3427, 0.4140, 0.2931

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.6502, 0.3473, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3427, 0.4140, 0.2931 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, 128, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 163)  
}
```

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, 128, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.3427, 0.4140, 0.2931 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, 128, 163) }
```

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

```
.border{ border-color:rgb(255, 128, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 128, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3427, 0.4140, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 163) }
```

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

```
.background{ background-color: rgb(255,  
128, 163) }
```

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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