

Converting Colors

$Y_{xy}(39.1193, 0.4173, 0.2953)$

Have a look what the booklet for
Yxy(39.1193, 0.4173, 0.2953)
contains.

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Color

Yxy(38.9768, 0.4179, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	FF7FA0
RGB	255, 127, 160
RGB Percent	100%, 50%, 63%
CMY	0.0000, 0.5020, 0.3725
CMYK	0.00, 0.50, 0.37, 0.00
HSL	345°, 100%, 75%
HSV	345°, 50%, 100%
XYZ	55.1775, 38.9768, 37.8809
YIQ	169.0340, 65.6950, 37.3990

Conversions

Conversions Part 2

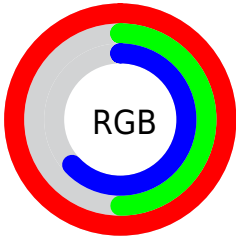
Format	Color
R _Y B	255, 127, 160
Decimal	16744352
CIE Lab	68.73, 51.87, 5.43
CIE LCh	69, 52.153, 5.976
Yxy	38.9768, 0.4179, 0.2952
Android (android.graphics.Color)	4294934432 (0xFFFF7FA0)
YUV	169.0340, -4.4538, 75.3922
Hunter-Lab	62.4314, 48.5052, 7.7272

Details

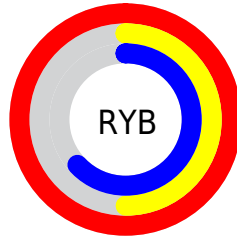
The Yxy color **38.9768, 0.4179, 0.2952** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.3050, 0.2614, 0.3683**, and the grayscale version is **39.6923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0333, 0.3476, 0.2963**, and **17.4713, 0.4495, 0.2841** is the 20% darker color. If you saturate the color by 10%, you get **32.5908, 0.4524, 0.2905**, and if you desaturate by 10%, it is **47.1315, 0.3882, 0.3015**.

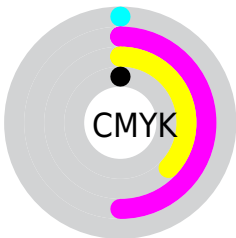
Distribution



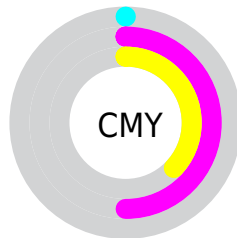
- Red (100%)
- Green (50%)
- Blue (63%)



- Red (100%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (50%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9768, 0.4179, 0.2952 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 38.9768, 0.4179, 0.2952 by changing the saturation by 10% instead.


 38.9768, 0.4179,
0.2952


 38.9768, 0.4179,
0.2952


341.7918, 0.3637,
0.3133


 26.7417, 0.4319,
0.2903


 73.6029, 0.3979,
0.3021

 17.3793, 0.4500,
0.2839


 96.7626, 0.3904,
0.3045

 10.5053, 0.4744,
0.2750

 124.3327, 0.3842,
0.3066

 5.7353, 0.5089,
0.2620

156.6975, 0.3789,
0.3084

 2.6848, 0.5606,
0.2416

194.2414, 0.3743,
0.3099

 0.9695, 0.6482,
0.2076

237.3489, 0.3703,


 0.0000, 1.0000,


0.3112


0.0000


286.4042, 0.3668,
0.3123

 0.0000, 0.0000,
0.0000


 38.9768, 0.4179,
0.2952


 38.9768, 0.4179,
0.2952

 32.5908, 0.4524,
0.2905


 47.1315, 0.3882,
0.3015


 27.8384, 0.4905,
0.2884

 57.1719, 0.3633,
0.3085

 24.5686, 0.5296,
0.2900

 69.2072, 0.3429,
0.3156

 22.6006, 0.5659,
0.2960

 83.3380, 0.3264,
0.3224

 21.6507, 0.5951,
0.3052

99.6578, 0.3130,
0.3289

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



38.9768, 0.3425, 0.2494



38.9768, 0.4179, 0.2952



38.9768, 0.4619, 0.3500

Triad

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



38.9768, 0.4179, 0.2952



38.9768, 0.3443, 0.4712



38.9768, 0.1833, 0.2308

Complementary

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



38.9768, 0.4179, 0.2952



81.3050, 0.2614, 0.3683

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.



38.9768, 0.1834, 0.2789



38.9768, 0.4179, 0.2952



38.9768, 0.2712, 0.4339

Square

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



38.9768, 0.4179, 0.2952



38.9768, 0.4129, 0.4544



38.9768, 0.2132, 0.3552



38.9768, 0.2113, 0.2127

Rectangle

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



38.9768, 0.4179, 0.2952



38.9768, 0.4645, 0.3880



38.9768, 0.2132, 0.3552



38.9768, 0.1801, 0.2433

Sweetspot

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



38.9776, 0.4179, 0.2952



76.2818, 0.3339, 0.3192



37.7501, 0.2884, 0.1965



15.6983, 0.3374, 0.3177



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.



38.9776, 0.4179, 0.2952



32.6998, 0.4517, 0.2905



46.8613, 0.4390, 0.3602



18.0640, 0.3254, 0.3229



11.3334, 0.5910, 0.3030



1.1204, 0.5594, 0.2855

Inverse Universe

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



38.9776, 0.4179, 0.2952



32.6998, 0.4517, 0.2905



65.6547, 0.2402, 0.2933



18.0640, 0.3254, 0.3229



11.3334, 0.5910, 0.3030



1.1204, 0.5594, 0.2855

Previews

White Background



This preview shows how the Yxy color 38.9768, 0.4179, 0.2952 looks on a white background.

Color Contrast Check

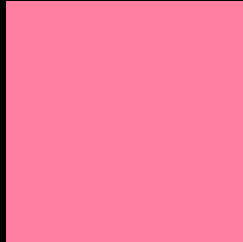
Large Text (above 18pt) WCAG AA × Fail

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 38.9768, 0.4179, 0.2952 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 38.9768, 0.4179, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 38.9768, 0.4179, 0.2952.



This preview shows how white text looks on a background with the Yxy color 38.9768, 0.4179, 0.2952.

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

38.9768, 0.4179, 0.2952

Protanopia

39.2718, 0.2994, 0.3070

Deuteranopia

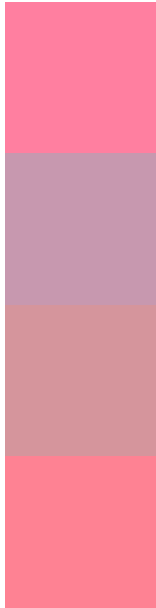
38.9926, 0.3464, 0.3398



Tritanopia

39.0087, 0.4377, 0.3200

Trichromacy



Original Color

38.9768, 0.4179, 0.2952

Protanomaly

37.6937, 0.3380, 0.2996

Deuteranomaly

38.0413, 0.3723, 0.3205

Tritanomaly

39.1427, 0.4310, 0.3117

Monochromacy



Original Color

38.9768, 0.4179, 0.2952

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.1437, 0.3475, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9768, 0.4179, 0.2952 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, 127, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 160)  
}
```

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, 127, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 160) }
```

Border

The CSS property to change the border of an element to Yxy 38.9768, 0.4179, 0.2952 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, 127, 160) }
```

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

```
.border{ border-color:rgb(255, 127, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 127, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9768, 0.4179, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 160) }
```

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

```
.background{ background-color: rgb(255,  
127, 160) }
```

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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