

Converting Colors

$Y_{xy}(39.6927, 0.4186, 0.3057)$

Have a look what the booklet for
Yxy(39.6927, 0.4186, 0.3057)
contains.

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Color

Yxy(39.8371, 0.4185, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	FC859B
RGB	252, 133, 155
RGB Percent	99%, 52%, 61%
CMY	0.0118, 0.4784, 0.3923
CMYK	0.00, 0.47, 0.39, 0.01
HSL	349°, 95%, 75%
HSV	349°, 47%, 99%
XYZ	54.4475, 39.8371, 35.8170
YIQ	171.0890, 63.8620, 32.0700

Conversions

Conversions Part 2

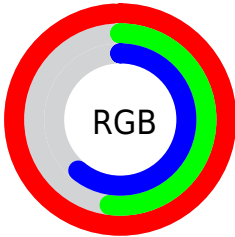
Format	Color
R_{YB}	252, 133, 155
Decimal	16549275
CIE _{Lab}	69.35, 47.35, 9.10
CIE _{LCh}	69, 48.221, 10.877
Yxy	39.8371, 0.4185, 0.3062
Android (android.graphics.Color)	4294739355 (0xFFFC859B)
YUV	171.0890, -7.9319, 70.9589
Hunter-Lab	63.1166, 43.5287, 10.5362

Details

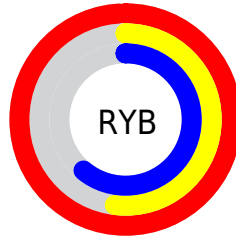
The Yxy color **39.8371, 0.4185, 0.3062** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.3251, 0.2596, 0.3548**, and the grayscale version is **40.7891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8299, 0.3517, 0.3075**, and **17.9433, 0.4504, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **33.1138, 0.4554, 0.3027**, and if you desaturate by 10%, it is **48.3368, 0.3871, 0.3108**.

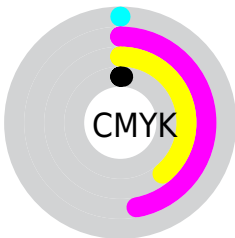
Distribution



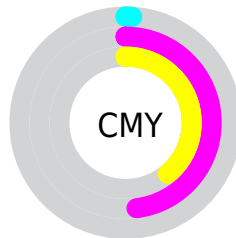
- Red (99%)
- Green (52%)
- Blue (61%)



- Red (99%)
- Yellow (52%)
- Blue (61%)



- Cyan (0%)
- Magenta (47%)
- Yellow (39%)
- Black (1%)





- Cyan (1%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8371, 0.4185, 0.3062 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 39.8371, 0.4185, 0.3062 by changing the saturation by 10% instead.


 39.8371, 0.4185,
0.3062


 39.8371, 0.4185,
0.3062

345.4365, 0.3639,
0.3191


 27.4116, 0.4325,
0.3025


 74.9154, 0.3983,
0.3112

 17.8826, 0.4508,
0.2976


 98.3369, 0.3909,
0.3130

 10.8657, 0.4753,
0.2905


 126.1926, 0.3846,
0.3145

 5.9766, 0.5099,
0.2799

158.8668, 0.3792,
0.3157

 2.8309, 0.5617,
0.2624

196.7438, 0.3746,
0.3167

 1.0441, 0.6556,
0.2342

240.2082, 0.3706,

 0.0000, 1.0000,

0.3176


0.0000

289.6443, 0.3671,
0.3184

 0.0000, 0.0000,
0.0000


 39.8371, 0.4185,
0.3062


 39.8371, 0.4185,
0.3062

 33.1138, 0.4554,
0.3027


 48.3368, 0.3871,
0.3108


 28.0347, 0.4965,
0.3010


 58.7209, 0.3611,
0.3158

 24.4588, 0.5390,
0.3022

 71.0957, 0.3400,
0.3209

 22.2182, 0.5780,
0.3068

 85.5579, 0.3229,
0.3257

 21.0980, 0.6084,
0.3142

 99.4359, 0.3109,
0.3290

 20.8972, 0.6152,
0.3163

Harmonies

Analogous

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



39.8371, 0.3525, 0.2613



39.8371, 0.4185, 0.3062



39.8371, 0.4524, 0.3584

Triad

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



39.8371, 0.4185, 0.3062



39.8371, 0.3317, 0.4567



39.8371, 0.1947, 0.2337

Complementary

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



39.8371, 0.4185, 0.3062



80.3251, 0.2596, 0.3548

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.



39.8371, 0.1907, 0.2743



39.8371, 0.4185, 0.3062



39.8371, 0.2648, 0.4143

Square

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



39.8371, 0.4185, 0.3062



39.8371, 0.3969, 0.4502



39.8371, 0.2144, 0.3410



39.8371, 0.2254, 0.2204

Rectangle

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



39.8371, 0.4185, 0.3062



39.8371, 0.4505, 0.3937



39.8371, 0.2144, 0.3410



39.8371, 0.1904, 0.2441

Sweetspot

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



39.8391, 0.4185, 0.3062



77.5646, 0.3341, 0.3225



40.3334, 0.2973, 0.2066



15.9445, 0.3380, 0.3214



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.



39.8391, 0.4185, 0.3062



34.1276, 0.4546, 0.3027



50.6568, 0.4238, 0.3669



17.2775, 0.3265, 0.3246



10.9008, 0.6117, 0.3144



1.0233, 0.5811, 0.2975

Inverse Universe

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



39.8391, 0.4185, 0.3062



34.1276, 0.4546, 0.3027



61.2837, 0.2420, 0.2859



17.2775, 0.3265, 0.3246



10.9008, 0.6117, 0.3144



1.0233, 0.5811, 0.2975

Previews

White Background



This preview shows how the Yxy color 39.8371, 0.4185, 0.3062 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 39.8371, 0.4185, 0.3062 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 39.8371, 0.4185, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 39.8371, 0.4185, 0.3062.



This preview shows how white text looks on a background with the Yxy color 39.8371, 0.4185, 0.3062.

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

39.8371, 0.4185, 0.3062

Protanopia

40.1290, 0.3095, 0.3207

Deuteranopia

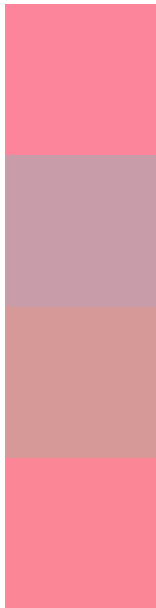
40.0904, 0.3536, 0.3477



Tritanopia

39.8815, 0.4281, 0.3188

Trichromacy



Original Color

39.8371, 0.4185, 0.3062

Protanomaly

38.8834, 0.3451, 0.3137

Deuteranomaly

39.3456, 0.3762, 0.3304

Tritanomaly

39.7294, 0.4240, 0.3135

Monochromacy



Original Color

39.8371, 0.4185, 0.3062

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.1099, 0.3478, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8371, 0.4185, 0.3062 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.8371, 0.4185, 0.3062 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, 155) }
```

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

```
.border{ border-color:rgb(252, 133, 155) }
```

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, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 155);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8371, 0.4185, 0.3062 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, 155) }
```

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

```
.background{ background-color: rgb(252,  
133, 155) }
```

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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