

Converting Colors

Yxy(39.1867, 0.4294, 0.3203)

Have a look what the booklet for
Yxy(39.1867, 0.4294, 0.3203)
contains.

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Color

Yxy(39.1731, 0.4290, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	F9868F
RGB	249, 134, 143
RGB Percent	98%, 53%, 56%
CMY	0.0235, 0.4745, 0.4393
CMYK	0.00, 0.46, 0.43, 0.02
HSL	355°, 91%, 75%
HSV	355°, 46%, 98%
XYZ	52.5493, 39.1731, 30.7701
YIQ	169.4110, 65.6510, 27.1790

Conversions

Conversions Part 2

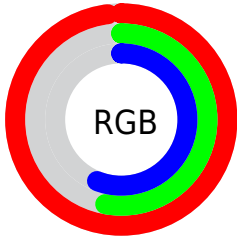
Format	Color
R_{YB}	249, 134, 143
Decimal	16352911
CIE _{Lab}	68.88, 44.53, 15.09
CIE _{LCh}	69, 47.015, 18.724
Yxy	39.1731, 0.4290, 0.3198
Android (android.graphics.Color)	4294542991 (0xFFFF9868F)
YUV	169.4110, -13.0206, 69.7996
Hunter-Lab	62.5884, 40.3390, 14.6634

Details

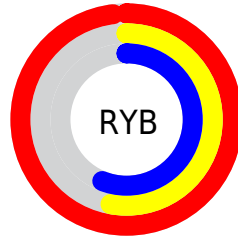
The Yxy color **39.1731, 0.4290, 0.3198** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.1146, 0.2549, 0.3393**, and the grayscale version is **39.9326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6864, 0.3616, 0.3208**, and **17.4940, 0.4645, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **32.4570, 0.4704, 0.3185**, and if you desaturate by 10%, it is **47.6557, 0.3937, 0.3217**.

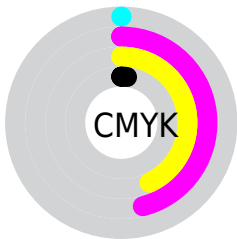
Distribution



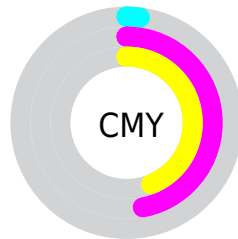
- Red (98%)
- Green (53%)
- Blue (56%)



- Red (98%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (46%)
- Yellow (43%)
- Black (2%)





- Cyan (2%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1731, 0.4290, 0.3198 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 39.1731, 0.4290, 0.3198 by changing the saturation by 10% instead.


 39.1731, 0.4290,
0.3198


 39.1731, 0.4290,
0.3198


342.6259, 0.3687,
0.3265


 26.8944, 0.4446,
0.3174


 73.9027, 0.4067,
0.3228

 17.4939, 0.4648,
0.3139


 97.1224, 0.3984,
0.3237

 10.5873, 0.4920,
0.3085


 124.7578, 0.3914,
0.3245

 5.7900, 0.5302,
0.2996

157.1935, 0.3855,
0.3251

 2.7178, 0.5868,
0.2835

194.8137, 0.3804,
0.3255

 0.9863, 0.7264,
0.2696

238.0030, 0.3760,


 0.0000, 1.0000,


0.3259

0.0000


287.1455, 0.3721,
0.3263


 0.0000, 0.0000,
0.0000


 39.1731, 0.4290,
0.3198


 39.1731, 0.4290,
0.3198

 32.4570, 0.4704,
0.3185


 47.6557, 0.3937,
0.3217

 27.3773, 0.5161,
0.3181

 58.0111, 0.3647,
0.3237


 23.7956, 0.5617,
0.3191


 70.3442, 0.3412,
0.3258

 21.5479, 0.6009,
0.3217

 84.7504, 0.3224,
0.3278

 20.4312, 0.6272,
0.3254

 98.8801, 0.3090,
0.3290

 20.1886, 0.6337,
0.3264

Harmonies

Analogous

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



39.1731, 0.3703, 0.2729



39.1731, 0.4290, 0.3198



39.1731, 0.4513, 0.3720

Triad

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



39.1731, 0.4290, 0.3198



39.1731, 0.3137, 0.4477



39.1731, 0.2021, 0.2295

Complementary

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



39.1731, 0.4290, 0.3198



79.1146, 0.2549, 0.3393

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.



39.1731, 0.1911, 0.2623



39.1731, 0.4290, 0.3198



39.1731, 0.2507, 0.3951

Square

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



39.1731, 0.4290, 0.3198



39.1731, 0.3800, 0.4537



39.1731, 0.2074, 0.3220



39.1731, 0.2390, 0.2228

Rectangle

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



39.1731, 0.4290, 0.3198



39.1731, 0.4422, 0.4058



39.1731, 0.2074, 0.3220



39.1731, 0.1955, 0.2374

Sweetspot

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



39.1751, 0.4290, 0.3198



77.3582, 0.3368, 0.3263



42.3158, 0.3095, 0.2135



15.8950, 0.3412, 0.3258



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.



39.1751, 0.4290, 0.3198



34.9630, 0.4655, 0.3186



55.2856, 0.4131, 0.3802



17.2472, 0.3282, 0.3272



10.8142, 0.6318, 0.3254



1.0089, 0.6134, 0.3153

Inverse Universe

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



39.1751, 0.4290, 0.3198



34.9630, 0.4655, 0.3186



53.7229, 0.2404, 0.2699



17.2472, 0.3282, 0.3272



10.8142, 0.6318, 0.3254



1.0089, 0.6134, 0.3153

Previews

White Background



This preview shows how the Yxy color 39.1731, 0.4290, 0.3198 looks on a white background.

Color Contrast Check

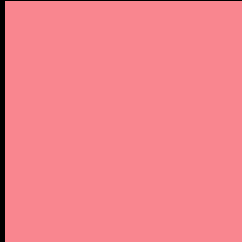
Large Text (above 18pt) WCAG AA × Fail

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 39.1731, 0.4290, 0.3198 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 39.1731, 0.4290, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 39.1731, 0.4290, 0.3198.



This preview shows how white text looks on a background with the Yxy color 39.1731, 0.4290, 0.3198.

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

39.1731, 0.4290, 0.3198

Protanopia

39.4276, 0.3243, 0.3402

Deuteranopia

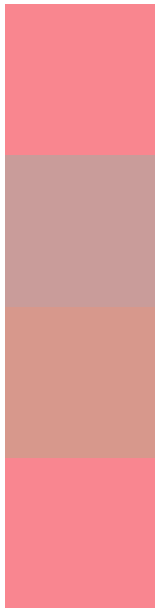
39.2777, 0.3677, 0.3610



Tritanopia

39.2035, 0.4278, 0.3187

Trichromacy



Original Color

39.1731, 0.4290, 0.3198

Protanomaly

38.5275, 0.3600, 0.3317

Deuteranomaly

38.7970, 0.3901, 0.3441

Tritanomaly

39.2035, 0.4278, 0.3187

Monochromacy



Original Color

39.1731, 0.4290, 0.3198

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.3208, 0.3510, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1731, 0.4290, 0.3198 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(249, 134, 143)` looks like.

```
.text, #text, p{  
    color:rgb(249, 134, 143)  
}
```

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(249, 134, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 134, 143) }
```

Border

The CSS property to change the border of an element to Yxy 39.1731, 0.4290, 0.3198 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(249, 134, 143) }
```

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

```
.border{ border-color:rgb(249, 134, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 134, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 134, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 134, 143);  
box-shadow:4px 4px 4px 4px rgb(249, 134,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1731, 0.4290, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 134, 143) }
```

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

```
.background{ background-color: rgb(249,  
134, 143) }
```

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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