

Converting Colors

$Y_{xy}(51.3202, 0.4353, 0.3200)$

Have a look what the booklet for
Yxy(51.3202, 0.4353, 0.3200)
contains.

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Color

Yxy(45.2581, 0.4103, 0.3188)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF959F |
| RGB | 255, 149, 159 |
| RGB Percent | 100%, 58%, 62% |
| CMY | 0.0000, 0.4157, 0.3765 |
| CMYK | 0.00, 0.42, 0.38, 0.00 |
| HSL | 354°, 100%, 79% |
| HSV | 354°, 42%, 100% |
| XYZ | 58.2478, 45.2581, 38.4580 |
| YIQ | 181.8340, 59.9660, 25.5820 |

Conversions

Conversions Part 2

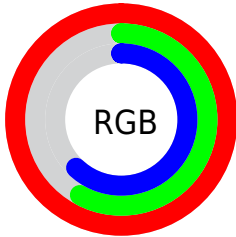
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 149, 159 |
| Decimal | 16749983 |
| CIE _{Lab} | 73.06, 40.82, 12.18 |
| CIE _{LCh} | 73, 42.594, 16.615 |
| Yxy | 45.2581, 0.4103, 0.3188 |
| Android (android.graphics.Color) | 4294940063 (0xFFFF959F) |
| YUV | 181.8340, -11.2572, 64.1666 |
| Hunter-Lab | 67.2741, 36.8205, 13.1981 |

Details

The Yxy color **45.2581, 0.4103, 0.3188** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.5034, 0.2602, 0.3401**, and the grayscale version is **46.7204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7777, 0.3448, 0.3199**, and **21.0506, 0.4378, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **37.3248, 0.4483, 0.3168**, and if you desaturate by 10%, it is **55.1068, 0.3785, 0.3212**.

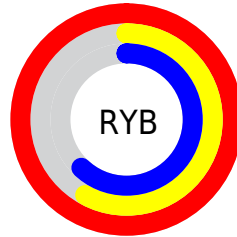
Distribution



Red (100%)

Green (58%)

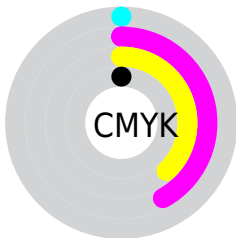
Blue (62%)



Red (100%)

Yellow (58%)

Blue (62%)

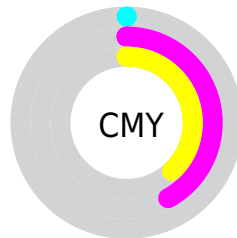


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2581, 0.4103, 0.3188 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 45.2581, 0.4103, 0.3188 by changing the saturation by 10% instead.


 45.2581, 0.4103,
0.3188


 45.2581, 0.4103,
0.3188


367.8179, 0.3608,
0.3253

 31.6608, 0.4227,
0.3168


 83.1076, 0.3922,
0.3215

 21.1025, 0.4387,
0.3140


 108.1285, 0.3855,
0.3224

 13.1990, 0.4600,
0.3098


137.7261, 0.3798,
0.3231

 7.5657, 0.4895,
0.3033

172.2848, 0.3749,
0.3237

 3.8183, 0.5328,
0.2923

212.1889, 0.3707,
0.3242

 1.5725, 0.6028,
0.2721

257.8228, 0.3670,

 0.3389, 0.8067,

0.3246

0.1933

309.5710, 0.3637,
0.3250

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.2581, 0.4103,
0.3188

45.2581, 0.4103,
0.3188

37.3248, 0.4483,
0.3168

55.1068, 0.3785,
0.3212

31.1830, 0.4918,
0.3157

66.9855, 0.3526,
0.3238

26.6926, 0.5377,
0.3160

80.9987, 0.3317,
0.3263

23.6934, 0.5807,
0.3181

97.2439, 0.3150,
0.3286

■ 21.9930, 0.6142,
0.3219

100.0000, 0.3127,
0.3290

■ 21.3260, 0.6318,
0.3254

Harmonies

Analogous

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



45.2581, 0.3586, 0.2774



45.2581, 0.4103, 0.3188



45.2581, 0.4326, 0.3651

Triad

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



45.2581, 0.4103, 0.3188



45.2581, 0.3189, 0.4318



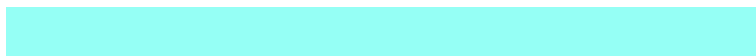
45.2581, 0.2140, 0.2434

Complementary

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



45.2581, 0.4103, 0.3188



84.5034, 0.2602, 0.3401

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.



45.2581, 0.2059, 0.2749



45.2581, 0.4103, 0.3188



45.2581, 0.2628, 0.3896

Square

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



45.2581, 0.4103, 0.3188



45.2581, 0.3762, 0.4360



45.2581, 0.2226, 0.3281



45.2581, 0.2455, 0.2352

Rectangle

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



45.2581, 0.4103, 0.3188



45.2581, 0.4271, 0.3949



45.2581, 0.2226, 0.3281



45.2581, 0.2086, 0.2512

Sweetspot

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



45.2578, 0.4103, 0.3188



80.3482, 0.3325, 0.3262



48.0200, 0.3086, 0.2237



16.7820, 0.3350, 0.3259



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.



45.2578, 0.4103, 0.3188



38.4471, 0.4420, 0.3171



60.8666, 0.4012, 0.3734



18.0148, 0.3280, 0.3268



11.1525, 0.6297, 0.3243



1.0948, 0.6094, 0.3130

Inverse Universe

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



45.2578, 0.4103, 0.3188



38.4471, 0.4420, 0.3171



60.9974, 0.2476, 0.2790



18.0148, 0.3280, 0.3268



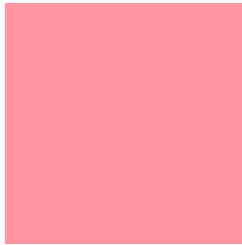
11.1525, 0.6297, 0.3243



1.0948, 0.6094, 0.3130

Previews

White Background



This preview shows how the Yxy color 45.2581, 0.4103, 0.3188 looks on a white background.

Color Contrast Check

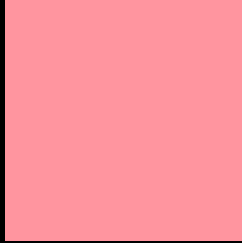
Large Text (above 18pt) WCAG AA × Fail

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 45.2581, 0.4103, 0.3188 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 45.2581, 0.4103, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 45.2581, 0.4103, 0.3188.



This preview shows how white text looks on a background with the Yxy color 45.2581, 0.4103, 0.3188.

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

45.2581, 0.4103, 0.3188

Protanopia

45.5257, 0.3203, 0.3343

Deuteranopia

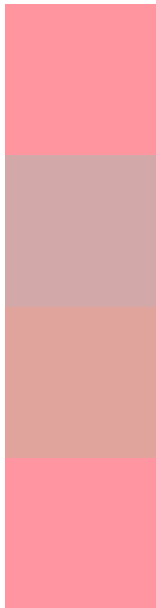
45.3755, 0.3590, 0.3517



Tritanopia

45.2930, 0.4092, 0.3177

Trichromacy



Original Color

45.2581, 0.4103, 0.3188

Protanomaly

44.5715, 0.3512, 0.3279

Deuteranomaly

44.7985, 0.3781, 0.3387

Tritanomaly

45.2930, 0.4092, 0.3177

Monochromacy



Original Color

45.2581, 0.4103, 0.3188

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.3608, 0.3453, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2581, 0.4103, 0.3188 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, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 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(255, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 159) }
```

Border

The CSS property to change the border of an element to Yxy 45.2581, 0.4103, 0.3188 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, 149, 159) }
```

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

```
.border{ border-color:rgb(255, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2581, 0.4103, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 159) }
```

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

```
.background{ background-color: rgb(255,  
149, 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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