

Converting Colors

$Y_{xy}(43.4683, 0.4106, 0.3105)$

Have a look what the booklet for
Yxy(43.4683, 0.4106, 0.3105)
contains.

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Color

Yxy(43.4781, 0.4105, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FA1
RGB	255, 143, 161
RGB Percent	100%, 56%, 63%
CMY	0.0000, 0.4392, 0.3685
CMYK	0.00, 0.44, 0.37, 0.00
HSL	350°, 100%, 78%
HSV	350°, 44%, 100%
XYZ	57.4992, 43.4781, 39.0939
YIQ	178.5400, 60.9740, 29.3420

Conversions

Conversions Part 2

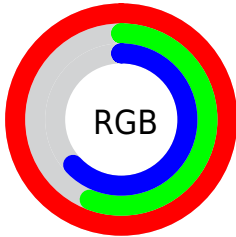
Format	Color
R _Y B	255, 143, 161
Decimal	16748449
CIE Lab	71.88, 44.09, 9.36
CIE LCh	72, 45.072, 11.992
Yxy	43.4781, 0.4105, 0.3104
Android (android.graphics.Color)	4294938529 (0xFFFF8FA1)
YUV	178.5400, -8.6472, 67.0554
Hunter-Lab	65.9379, 40.2643, 11.0042

Details

The Yxy color **43.4781, 0.4105, 0.3104** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.4722, 0.2612, 0.3496**, and the grayscale version is **44.8454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6060, 0.3444, 0.3107**, and **20.0402, 0.4383, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **35.9821, 0.4468, 0.3070**, and if you desaturate by 10%, it is **52.8452, 0.3799, 0.3146**.

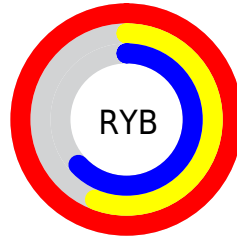
Distribution



Red (100%)

Green (56%)

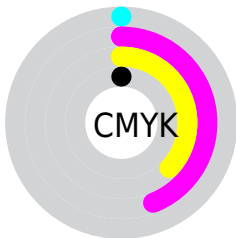
Blue (63%)



Red (100%)

Yellow (56%)

Blue (63%)

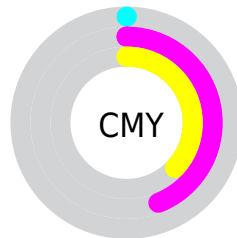


Cyan (0%)

Magenta (44%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (44%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4781, 0.4105, 0.3104 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 43.4781, 0.4105, 0.3104 by changing the saturation by 10% instead.

 43.4781, 0.4105,
0.3104


 43.4781, 0.4105,
0.3104


360.5743, 0.3607,
0.3209

 30.2604, 0.4231,
0.3074


 80.4318, 0.3923,
0.3145

 20.0363, 0.4394,
0.3034


 104.9367, 0.3854,
0.3159

 12.4215, 0.4611,
0.2977


133.9727, 0.3797,
0.3171

 7.0314, 0.4914,
0.2892

167.9243, 0.3748,
0.3181

 3.4817, 0.5362,
0.2754

207.1759, 0.3706,
0.3190

 1.3881, 0.6088,
0.2508

252.1118, 0.3669,

 0.2079, 0.8667,

0.3197

0.1333

303.1164, 0.3636,
0.3204

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.4781, 0.4105,
0.3104

43.4781, 0.4105,
0.3104

35.9821, 0.4468,
0.3070

52.8452, 0.3799,
0.3146

30.2280, 0.4880,
0.3051

64.1945, 0.3548,
0.3190

26.0753, 0.5315,
0.3055

77.6322, 0.3345,
0.3233

23.3601, 0.5727,
0.3088

93.2560, 0.3182,
0.3275

■ 21.8828, 0.6058,
0.3150

100.0000, 0.3127,
0.3290

■ 21.4205, 0.6205,
0.3192

Harmonies

Analogous

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



43.4781, 0.3516, 0.2682



43.4781, 0.4105, 0.3104



43.4781, 0.4401, 0.3590

Triad

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



43.4781, 0.4105, 0.3104



43.4781, 0.3285, 0.4433



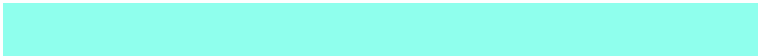
43.4781, 0.2048, 0.2411

Complementary

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



43.4781, 0.4105, 0.3104



83.4722, 0.2612, 0.3496

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.



43.4781, 0.2002, 0.2780



43.4781, 0.4105, 0.3104



43.4781, 0.2675, 0.4035

Square

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



43.4781, 0.4105, 0.3104



43.4781, 0.3885, 0.4406



43.4781, 0.2216, 0.3379



43.4781, 0.2343, 0.2291

Rectangle

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



43.4781, 0.4105, 0.3104



43.4781, 0.4378, 0.3913



43.4781, 0.2216, 0.3379



43.4781, 0.2004, 0.2505

Sweetspot

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



43.4792, 0.4105, 0.3104



78.9793, 0.3329, 0.3237



44.7548, 0.3019, 0.2159



16.2209, 0.3369, 0.3228



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.



43.4792, 0.4105, 0.3104



36.5982, 0.4432, 0.3073



56.0204, 0.4115, 0.3683



18.0348, 0.3269, 0.3252



11.2066, 0.6174, 0.3175



1.1041, 0.5898, 0.3023

Inverse Universe

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



43.4792, 0.4105, 0.3104



36.5982, 0.4432, 0.3073



63.0297, 0.2457, 0.2848



18.0348, 0.3269, 0.3252



11.2066, 0.6174, 0.3175



1.1041, 0.5898, 0.3023

Previews

White Background



This preview shows how the Yxy color 43.4781, 0.4105, 0.3104 looks on a white background.

Color Contrast Check

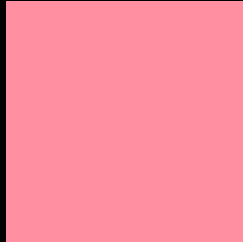
Large Text (above 18pt) WCAG AA × Fail

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 43.4781, 0.4105, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

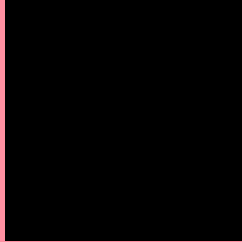
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4781, 0.4105, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 43.4781, 0.4105, 0.3104.

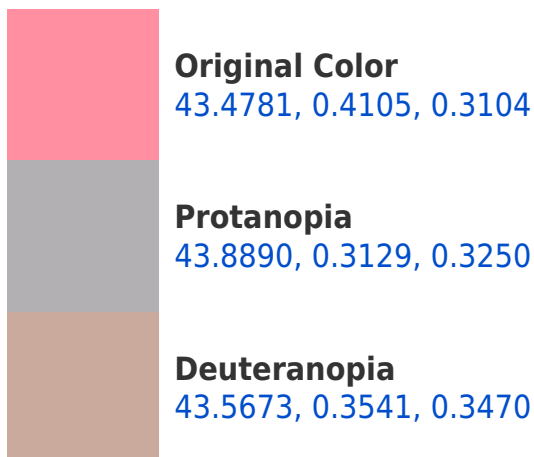


This preview shows how white text looks on a background with the Yxy color 43.4781, 0.4105, 0.3104.

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





Tritanopia

43.3839, 0.4157, 0.3177

Trichromacy



Original Color

43.4781, 0.4105, 0.3104



Protanomaly

42.7949, 0.3464, 0.3191



Deuteranomaly

42.9824, 0.3746, 0.3316



Tritanomaly

43.4517, 0.4135, 0.3156

Monochromacy



Original Color

43.4781, 0.4105, 0.3104



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.5164, 0.3460, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4781, 0.4105, 0.3104 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, 143, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 161)  
}
```

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, 143, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 161) }
```

Border

The CSS property to change the border of an element to Yxy 43.4781, 0.4105, 0.3104 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, 143, 161) }
```

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

```
.border{ border-color:rgb(255, 143, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4781, 0.4105, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 161) }
```

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

```
.background{ background-color: rgb(255,  
143, 161) }
```

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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