

Converting Colors

$Y_{xy}(48.6633, 0.4238, 0.3216)$

Have a look what the booklet for
Yxy(48.6633, 0.4238, 0.3216)
contains.

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Color

Yxy(45.8618, 0.4105, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FF979E
RGB	255, 151, 158
RGB Percent	100%, 59%, 62%
CMY	0.0000, 0.4079, 0.3803
CMYK	0.00, 0.41, 0.38, 0.00
HSL	356°, 100%, 80%
HSV	356°, 41%, 100%
XYZ	58.4848, 45.8618, 38.1256
YIQ	182.8940, 59.7370, 24.2250

Conversions

Conversions Part 2

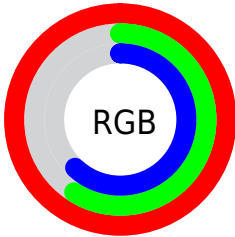
Format	Color
R _Y B	255, 151, 158
Decimal	16750494
CIE Lab	73.46, 39.69, 13.27
CIE LCh	73, 41.850, 18.483
Yxy	45.8618, 0.4105, 0.3219
Android (android.graphics.Color)	4294940574 (0xFFFF979E)
YUV	182.8940, -12.2727, 63.2370
Hunter-Lab	67.7213, 35.6421, 14.0260

Details

The Yxy color **45.8618, 0.4105, 0.3219** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.8744, 0.2597, 0.3367**, and the grayscale version is **47.3347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6897, 0.3452, 0.3230**, and **21.3990, 0.4380, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **37.7804, 0.4492, 0.3205**, and if you desaturate by 10%, it is **55.8734, 0.3781, 0.3236**.

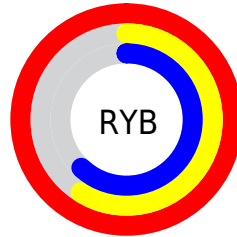
Distribution



Red (100%)

Green (59%)

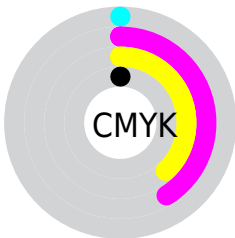
Blue (62%)



Red (100%)

Yellow (59%)

Blue (62%)

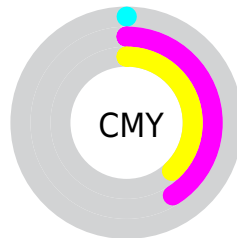


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8618, 0.4105, 0.3219 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 45.8618, 0.4105, 0.3219 by changing the saturation by 10% instead.


 45.8618, 0.4105,
0.3219


 45.8618, 0.4105,
0.3219


370.2528, 0.3610,
0.3269

 32.1368, 0.4229,
0.3202


 84.0121, 0.3924,
0.3240

 21.4660, 0.4389,
0.3178


 109.2062, 0.3857,
0.3247

 13.4651, 0.4600,
0.3142


138.9921, 0.3800,
0.3253

 7.7496, 0.4893,
0.3085

173.7543, 0.3751,
0.3258

 3.9351, 0.5321,
0.2984

213.8770, 0.3709,
0.3261

 1.6373, 0.6015,
0.2798

259.7447, 0.3672,

 0.3826, 0.7894,

0.3264

0.2106

311.7419, 0.3639,
0.3267

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.8618, 0.4105,
0.3219

45.8618, 0.4105,
0.3219

37.7804, 0.4492,
0.3205

55.8734, 0.3781,
0.3236

31.5090, 0.4935,
0.3197

67.9334, 0.3519,
0.3254

26.9067, 0.5403,
0.3200

82.1451, 0.3308,
0.3272

23.8139, 0.5838,
0.3216

98.6063, 0.3139,
0.3289

■ 22.0399, 0.6171,
0.3244

100.0000, 0.3127,
0.3290

■ 21.3012, 0.6349,
0.3271

Harmonies

Analogous

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



45.8618, 0.3613, 0.2807



45.8618, 0.4105, 0.3219



45.8618, 0.4302, 0.3674

Triad

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



45.8618, 0.4105, 0.3219



45.8618, 0.3153, 0.4278



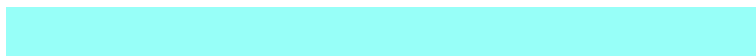
45.8618, 0.2171, 0.2440

Complementary

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



45.8618, 0.4105, 0.3219



84.8744, 0.2597, 0.3367

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.



45.8618, 0.2078, 0.2735



45.8618, 0.4105, 0.3219



45.8618, 0.2609, 0.3847

Square

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



45.8618, 0.4105, 0.3219



45.8618, 0.3718, 0.4345



45.8618, 0.2227, 0.3246



45.8618, 0.2495, 0.2372

Rectangle

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



45.8618, 0.4105, 0.3219



45.8618, 0.4235, 0.3963



45.8618, 0.2227, 0.3246



45.8618, 0.2114, 0.2512

Sweetspot

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



45.8603, 0.4105, 0.3219



80.3032, 0.3331, 0.3270



49.0041, 0.3102, 0.2261



16.7715, 0.3356, 0.3268



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.



45.8603, 0.4105, 0.3219



39.0878, 0.4419, 0.3207



62.2245, 0.3982, 0.3744



18.0070, 0.3284, 0.3274



11.1377, 0.6332, 0.3262



1.0911, 0.6176, 0.3176

Inverse Universe

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



45.8603, 0.4105, 0.3219



39.0878, 0.4419, 0.3207



60.7177, 0.2484, 0.2779



18.0070, 0.3284, 0.3274



11.1377, 0.6332, 0.3262



1.0911, 0.6176, 0.3176

Previews

White Background



This preview shows how the Yxy color 45.8618, 0.4105, 0.3219 looks on a white background.

Color Contrast Check

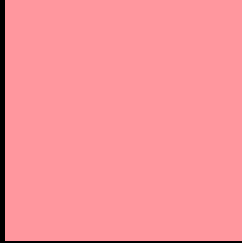
Large Text (above 18pt) WCAG AA × Fail

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 45.8618, 0.4105, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

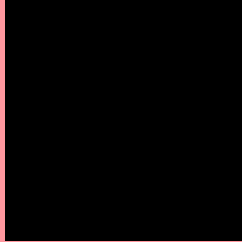
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8618, 0.4105, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 45.8618, 0.4105, 0.3219.

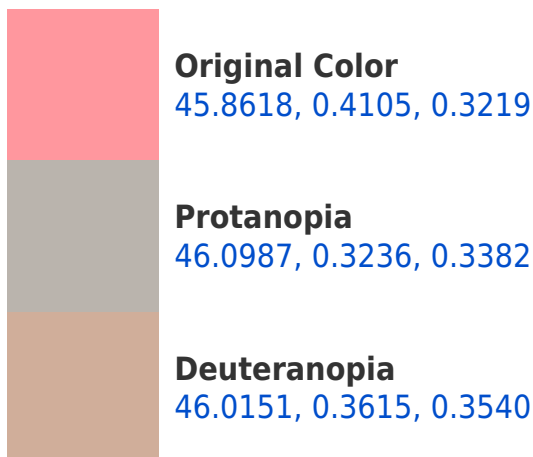


This preview shows how white text looks on a background with the Yxy color 45.8618, 0.4105, 0.3219.

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

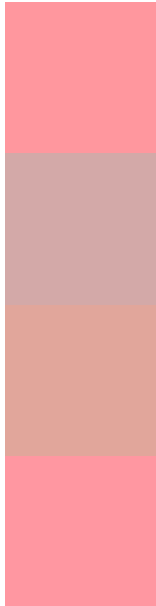




Tritanopia

46.0019, 0.4063, 0.3177

Trichromacy



Original Color

45.8618, 0.4105, 0.3219

Protanomaly

45.0520, 0.3528, 0.3303

Deuteranomaly

45.6465, 0.3793, 0.3422

Tritanomaly

45.9664, 0.4073, 0.3188

Monochromacy



Original Color

45.8618, 0.4105, 0.3219

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.7371, 0.3451, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8618, 0.4105, 0.3219 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, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 158)  
}
```

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, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 158) }
```

Border

The CSS property to change the border of an element to Yxy 45.8618, 0.4105, 0.3219 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, 151, 158) }
```

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

```
.border{ border-color:rgb(255, 151, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 151, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8618, 0.4105, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 158) }
```

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

```
.background{ background-color: rgb(255,  
151, 158) }
```

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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