

Converting Colors

$Y_{xy}(43.8099, 0.3960, 0.3195)$

Have a look what the booklet for
Yxy(43.8099, 0.3960, 0.3195)
contains.

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Color

Yxy(43.8718, 0.3958, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	F298A0
RGB	242, 152, 160
RGB Percent	95%, 60%, 63%
CMY	0.0509, 0.4039, 0.3726
CMYK	0.00, 0.37, 0.34, 0.05
HSL	355°, 78%, 77%
HSV	355°, 37%, 95%
XYZ	54.1962, 43.8718, 38.8602
YIQ	179.8220, 51.0720, 21.5680

Conversions

Conversions Part 2

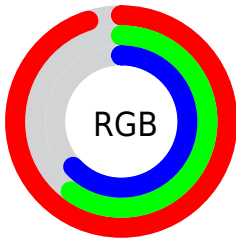
Format	Color
R _Y B	242, 152, 160
Decimal	15898784
CIE Lab	72.14, 34.69, 10.10
CIE LCh	72, 36.133, 16.239
Yxy	43.8718, 0.3958, 0.3204
Android (android.graphics.Color)	4294088864 (0xFFFF298A0)
YUV	179.8220, -9.7722, 54.5301
Hunter-Lab	66.2358, 30.1416, 11.5799

Details

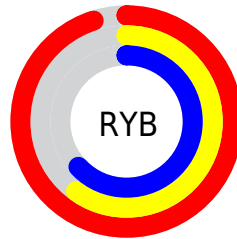
The Yxy color **43.8718, 0.3958, 0.3204** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.1365, 0.2646, 0.3382**, and the grayscale version is **45.5748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7919, 0.3437, 0.3210**, and **20.4088, 0.4201, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **36.0988, 0.4312, 0.3183**, and if you desaturate by 10%, it is **53.3888, 0.3666, 0.3228**.

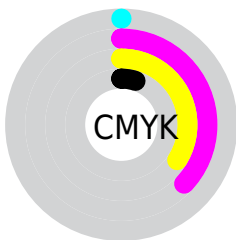
Distribution



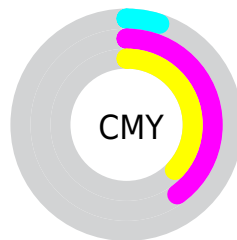
- Red (95%)
- Green (60%)
- Blue (63%)



- Red (95%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8718, 0.3958, 0.3204 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 43.8718, 0.3958, 0.3204 by changing the saturation by 10% instead.


 43.8718, 0.3958,
0.3204

 43.8718, 0.3958,
0.3204

362.1849, 0.3535,
0.3257

 30.5697, 0.4066,
0.3188

 81.0248, 0.3803,
0.3226

 20.2714, 0.4204,
0.3165


 105.6445, 0.3745,
0.3233

 12.5925, 0.4391,
0.3131


134.8056, 0.3696,
0.3239

 7.1486, 0.4652,
0.3078

168.8924, 0.3654,
0.3244

 3.5552, 0.5042,
0.2987

208.2893, 0.3618,
0.3248

 1.4280, 0.5691,
0.2816

253.3808, 0.3587,

 0.2372, 0.8218,

0.3252

0.1782

304.5512, 0.3559,
0.3255

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.8718, 0.3958,
0.3204

43.8718, 0.3958,
0.3204

36.0988, 0.4312,
0.3183

53.3888, 0.3666,
0.3228

29.9579, 0.4726,
0.3168

64.7398, 0.3430,
0.3252

25.3345, 0.5180,
0.3165

78.0165, 0.3240,
0.3274

22.0964, 0.5631,
0.3177

93.3025, 0.3088,
0.3296

■ 20.0884, 0.6015,
0.3207

■ 97.6216, 0.3048,
0.3290

■ 19.1109, 0.6273,
0.3248

■ 18.9375, 0.6322,
0.3256

Harmonies

Analogous

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



43.8718, 0.3517, 0.2838



43.8718, 0.3958, 0.3204



43.8718, 0.4155, 0.3611

Triad

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



43.8718, 0.3958, 0.3204



43.8718, 0.3195, 0.4162



43.8718, 0.2265, 0.2552

Complementary

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



43.8718, 0.3958, 0.3204



76.1365, 0.2646, 0.3382

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.



43.8718, 0.2198, 0.2836



43.8718, 0.3958, 0.3204



43.8718, 0.2707, 0.3810

Square

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



43.8718, 0.3958, 0.3204



43.8718, 0.3688, 0.4207



43.8718, 0.2351, 0.3296



43.8718, 0.2542, 0.2472

Rectangle

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



43.8718, 0.3958, 0.3204



43.8718, 0.4115, 0.3868



43.8718, 0.2351, 0.3296



43.8718, 0.2218, 0.2624

Sweetspot

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



43.8739, 0.3958, 0.3204



81.8525, 0.3308, 0.3266



46.1945, 0.3093, 0.2347



17.0817, 0.3333, 0.3263



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.



43.8739, 0.3958, 0.3204



42.3052, 0.4233, 0.3187



57.1179, 0.3890, 0.3686



15.7816, 0.3279, 0.3269



10.1793, 0.6301, 0.3245



0.8545, 0.6076, 0.3121

Inverse Universe

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



43.8739, 0.3958, 0.3204



42.3052, 0.4233, 0.3187



57.2360, 0.2544, 0.2852



15.7816, 0.3279, 0.3269



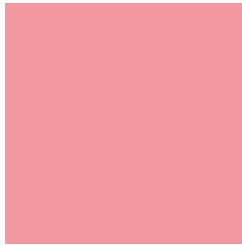
10.1793, 0.6301, 0.3245



0.8545, 0.6076, 0.3121

Previews

White Background



This preview shows how the Yxy color 43.8718, 0.3958, 0.3204 looks on a white background.

Color Contrast Check

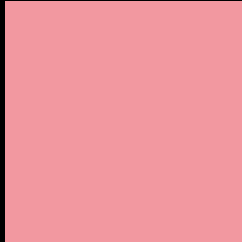
Large Text (above 18pt) WCAG AA × Fail

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 43.8718, 0.3958, 0.3204 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 43.8718, 0.3958, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 43.8718, 0.3958, 0.3204.



This preview shows how white text looks on a background with the Yxy color 43.8718, 0.3958, 0.3204.

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

43.8718, 0.3958, 0.3204

Protanopia

44.2852, 0.3195, 0.3343

Deuteranopia

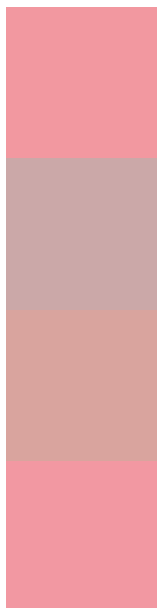
44.1167, 0.3539, 0.3469



Tritanopia

43.9781, 0.3926, 0.3171

Trichromacy



Original Color

43.8718, 0.3958, 0.3204

Protanomaly

43.5289, 0.3455, 0.3291

Deuteranomaly

43.7713, 0.3694, 0.3365

Tritanomaly

43.9424, 0.3937, 0.3182

Monochromacy



Original Color

43.8718, 0.3958, 0.3204

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4631, 0.3406, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8718, 0.3958, 0.3204 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(242, 152, 160)` looks like.

```
.text, #text, p{  
    color:rgb(242, 152, 160)  
}
```

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(242, 152, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 152, 160) }
```

Border

The CSS property to change the border of an element to Yxy 43.8718, 0.3958, 0.3204 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(242, 152, 160) }
```

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

```
.border{ border-color:rgb(242, 152, 160) }
```

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

Here you see how a box with a 4 pixel rgb(242, 152, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 152, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 152, 160);  
box-shadow:4px 4px 4px 4px rgb(242, 152,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8718, 0.3958, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 152, 160) }
```

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

```
.background{ background-color: rgb(242,  
152, 160) }
```

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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