

Converting Colors

$Yxy(43.9810, 0.3847, 0.3131)$

Have a look what the booklet for
Yxy(43.9810, 0.3847, 0.3131)
contains.

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Color

Yxy(43.9603, 0.3842, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	EF99A8
RGB	239, 153, 168
RGB Percent	94%, 60%, 66%
CMY	0.0626, 0.4000, 0.3411
CMYK	0.00, 0.36, 0.30, 0.06
HSL	350°, 73%, 77%
HSV	350°, 36%, 94%
XYZ	54.0639, 43.9603, 42.6938
YIQ	180.4240, 46.4410, 22.8970

Conversions

Conversions Part 2

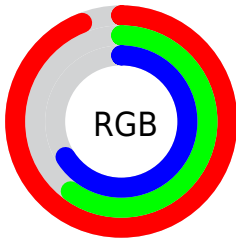
Format	Color
R _Y B	239, 153, 168
Decimal	15702440
CIE Lab	72.20, 34.10, 5.69
CIE LCh	72, 34.569, 9.468
Yxy	43.9603, 0.3842, 0.3124
Android (android.graphics.Color)	4293892520 (0xFFEF99A8)
YUV	180.4240, -6.1250, 51.3712
Hunter-Lab	66.3026, 29.5214, 8.2335

Details

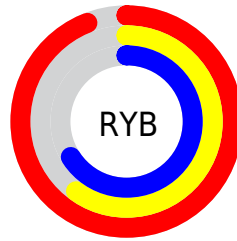
The Yxy color **43.9603, 0.3842, 0.3124** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.9003, 0.2696, 0.3468**, and the grayscale version is **45.8981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6995, 0.3376, 0.3139**, and **20.3921, 0.4052, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **36.2263, 0.4152, 0.3080**, and if you desaturate by 10%, it is **53.3770, 0.3586, 0.3172**.

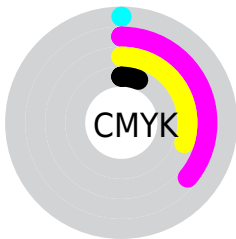
Distribution



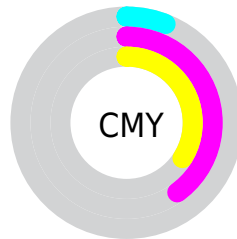
- Red (94%)
- Green (60%)
- Blue (66%)



- Red (94%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (36%)
- Yellow (30%)
- Black (6%)




- Cyan (6%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9603, 0.3842, 0.3124 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 43.9603, 0.3842, 0.3124 by changing the saturation by 10% instead.


 43.9603, 0.3842,
0.3124


 43.9603, 0.3842,
0.3124


362.5462, 0.3479,
0.3213

 30.6393, 0.3934,
0.3100


 81.1580, 0.3709,
0.3158

 20.3243, 0.4053,
0.3068


 105.8035, 0.3659,
0.3170

 12.6310, 0.4212,
0.3024


134.9926, 0.3617,
0.3180

 7.1750, 0.4437,
0.2959

169.1097, 0.3582,
0.3189

 3.5718, 0.4773,
0.2855

208.5393, 0.3551,
0.3196

 1.4370, 0.5328,
0.2670

253.6656, 0.3524,

 0.2438, 0.8164,

0.3203

0.1836

304.8731, 0.3500,
0.3208

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.9603, 0.3842,
0.3124

43.9603, 0.3842,
0.3124

36.2263, 0.4152,
0.3080

53.3770, 0.3586,
0.3172

30.0697, 0.4517,
0.3045

64.5612, 0.3379,
0.3219

25.3830, 0.4928,
0.3027

77.5993, 0.3211,
0.3264

22.0425, 0.5356,
0.3035

92.5703, 0.3077,
0.3306

■ 19.9042, 0.5755,
0.3075

■ 97.0951, 0.3030,
0.3290

■ 18.7905, 0.6070,
0.3144

■ 18.5207, 0.6169,
0.3172

Harmonies

Analogous

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



43.9603, 0.3388, 0.2789



43.9603, 0.3842, 0.3124



43.9603, 0.4092, 0.3513

Triad

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



43.9603, 0.3842, 0.3124



43.9603, 0.3305, 0.4157



43.9603, 0.2266, 0.2628

Complementary

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



43.9603, 0.3842, 0.3124



73.9003, 0.2696, 0.3468

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.



43.9603, 0.2250, 0.2944



43.9603, 0.3842, 0.3124



43.9603, 0.2825, 0.3881

Square

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



43.9603, 0.3842, 0.3124



43.9603, 0.3759, 0.4138



43.9603, 0.2445, 0.3410



43.9603, 0.2490, 0.2505

Rectangle

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



43.9603, 0.3842, 0.3124



43.9603, 0.4100, 0.3767



43.9603, 0.2445, 0.3410



43.9603, 0.2237, 0.2713

Sweetspot

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



43.9624, 0.3842, 0.3124



81.9886, 0.3291, 0.3242



44.7407, 0.3033, 0.2361



17.1139, 0.3315, 0.3236



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.



43.9624, 0.3842, 0.3124



44.3169, 0.4058, 0.3092



53.3919, 0.3887, 0.3595



15.8039, 0.3266, 0.3249



10.2458, 0.6137, 0.3155



0.8651, 0.5799, 0.2968

Inverse Universe

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



43.9624, 0.3842, 0.3124



44.3169, 0.4058, 0.3092



59.9822, 0.2576, 0.2959



15.8039, 0.3266, 0.3249



10.2458, 0.6137, 0.3155



0.8651, 0.5799, 0.2968

Previews

White Background



This preview shows how the Yxy color 43.9603, 0.3842, 0.3124 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 43.9603, 0.3842, 0.3124 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 43.9603, 0.3842, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 43.9603, 0.3842, 0.3124.



This preview shows how white text looks on a background with the Yxy color 43.9603, 0.3842, 0.3124.

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

43.9603, 0.3842, 0.3124

Protanopia

44.3642, 0.3112, 0.3237

Deuteranopia

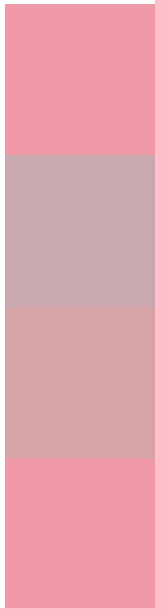
43.9845, 0.3438, 0.3368



Tritanopia

43.8498, 0.3873, 0.3158

Trichromacy



Original Color

43.9603, 0.3842, 0.3124

Protanomaly

43.5574, 0.3363, 0.3190

Deuteranomaly

43.6002, 0.3588, 0.3267

Tritanomaly

43.8864, 0.3863, 0.3147

Monochromacy



Original Color

43.9603, 0.3842, 0.3124

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.3015, 0.3360, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9603, 0.3842, 0.3124 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(239, 153, 168)` looks like.

```
.text, #text, p{  
    color:rgb(239, 153, 168)  
}
```

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(239, 153, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 153, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.9603, 0.3842, 0.3124 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(239, 153, 168) }
```

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

```
.border{ border-color:rgb(239, 153, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 153, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 153, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 153, 168);  
box-shadow:4px 4px 4px 4px rgb(239, 153,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9603, 0.3842, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 153, 168) }
```

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

```
.background{ background-color: rgb(239,  
153, 168) }
```

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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