

# Converting Colors

Yxy(43.2311, 0.3817, 0.3080)

Have a look what the booklet for  
Yxy(43.2311, 0.3817, 0.3080)  
contains.

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# Color

**Yxy(43.2126, 0.3818, 0.3079)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE97AA
RGB	238, 151, 170
RGB Percent	93%, 59%, 67%
CMY	0.0666, 0.4078, 0.3333
CMYK	0.00, 0.37, 0.29, 0.07
HSL	347°, 72%, 76%
HSV	347°, 37%, 93%
XYZ	53.5842, 43.2126, 43.5494
YIQ	179.1790, 45.7530, 24.3530

# Conversions

## Conversions Part 2

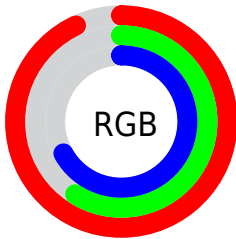
Format	Color
R <sub>Y</sub> B	238, 151, 170
Decimal	15636394
CIE Lab	71.70, 35.04, 3.85
CIE LCh	72, 35.248, 6.268
Yxy	43.2126, 0.3818, 0.3079
Android (android.graphics.Color)	4293826474 (0xFFEE97AA)
YUV	179.1790, -4.5252, 51.5860
Hunter-Lab	65.7363, 30.4637, 6.7366

# Details

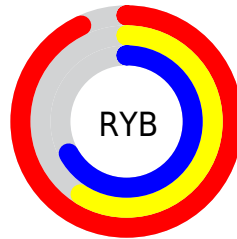
The Yxy color **43.2126, 0.3818, 0.3079** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.8471, 0.2710, 0.3518**, and the grayscale version is **45.1873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8389, 0.3364, 0.3099**, and **19.9350, 0.4019, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **35.6566, 0.4112, 0.3024**, and if you desaturate by 10%, it is **52.4186, 0.3574, 0.3139**.

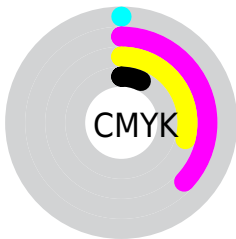
# Distribution



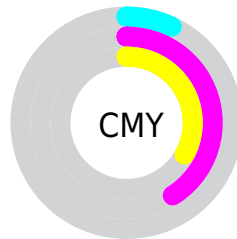
- Red (93%)
- Green (59%)
- Blue (67%)



- Red (93%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (7%)




- Cyan (7%)
- Magenta (41%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2126, 0.3818, 0.3079 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 43.2126, 0.3818, 0.3079 by changing the saturation by 10% instead.





 43.2126, 0.3818,  
0.3079

 43.2126, 0.3818,  
0.3079


359.4854, 0.3467,  
0.3190

 30.0520, 0.3907,  
0.3050


 80.0316, 0.3689,  
0.3120

 19.8780, 0.4023,  
0.3012


 104.4587, 0.3641,  
0.3135

 12.3064, 0.4177,  
0.2960


133.4101, 0.3601,  
0.3148

 6.9527, 0.4396,  
0.2884

167.2702, 0.3566,  
0.3159

 3.4325, 0.4724,  
0.2767

206.4234, 0.3536,  
0.3168

 1.3615, 0.5270,  
0.2562

251.2541, 0.3510,

 0.1881, 0.8480,

0.3176

0.1520

302.1466, 0.3487,  
0.3183

0.0000, 0.0000,  
0.0000

43.2126, 0.3818,  
0.3079

43.2126, 0.3818,  
0.3079

35.6566, 0.4112,  
0.3024

52.4186, 0.3574,  
0.3139

29.6467, 0.4459,  
0.2979

63.3581, 0.3376,  
0.3198

25.0767, 0.4848,  
0.2954

76.1164, 0.3215,  
0.3255

21.8244, 0.5257,  
0.2960

90.7713, 0.3086,  
0.3308

19.7470, 0.5646,  
0.3004

96.9183, 0.3023,  
0.3290

■ 18.6658, 0.5967,  
0.3083

■ 18.4261, 0.6059,  
0.3111

# Harmonies

## Analogous

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



43.2126, 0.3338, 0.2747



43.2126, 0.3818, 0.3079



43.2126, 0.4103, 0.3473

# Triad

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



43.2126, 0.3818, 0.3079



43.2126, 0.3362, 0.4193



43.2126, 0.2234, 0.2637

# Complementary

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



43.2126, 0.3818, 0.3079



72.8471, 0.2710, 0.3518

# 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.



43.2126, 0.2240, 0.2980



43.2126, 0.3818, 0.3079



43.2126, 0.2866, 0.3941

# Square

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



43.2126, 0.3818, 0.3079



43.2126, 0.3816, 0.4140



43.2126, 0.2462, 0.3467



43.2126, 0.2441, 0.2491



# Rectangle

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



43.2126, 0.3818, 0.3079



43.2126, 0.4132, 0.3737



43.2126, 0.2462, 0.3467



43.2126, 0.2212, 0.2730

# Sweetspot

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



43.2147, 0.3818, 0.3079



82.0584, 0.3283, 0.3230



43.1674, 0.2994, 0.2336



17.1304, 0.3305, 0.3222



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.



43.2147, 0.3818, 0.3079



43.6463, 0.4037, 0.3036



50.7634, 0.3920, 0.3552



15.8154, 0.3259, 0.3239



10.2949, 0.6023, 0.3092



0.8708, 0.5663, 0.2894



# Inverse Universe

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



43.2147, 0.3818, 0.3079



43.6463, 0.4037, 0.3036



61.2548, 0.2575, 0.3008



15.8154, 0.3259, 0.3239



10.2949, 0.6023, 0.3092

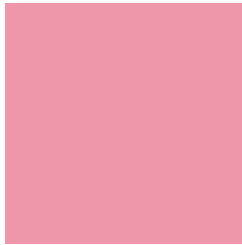


0.8708, 0.5663, 0.2894



# Previews

## White Background



This preview shows how the Yxy color 43.2126, 0.3818, 0.3079 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

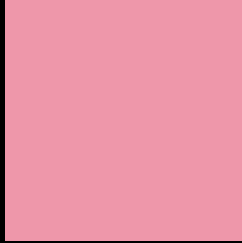
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.2126, 0.3818, 0.3079 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

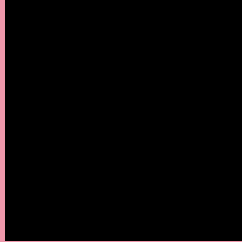
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.2126, 0.3818, 0.3079**

## **Background**



This preview shows how black text looks on a background with the Yxy color 43.2126, 0.3818, 0.3079.



This preview shows how white text looks on a background with the Yxy color 43.2126, 0.3818, 0.3079.

# 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

43.2126, 0.3818, 0.3079

### Protanopia

43.4677, 0.3072, 0.3171

### Deuteranopia

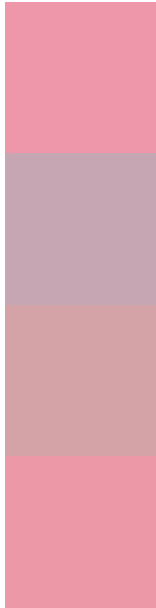
43.4098, 0.3403, 0.3329



## Tritanopia

43.1413, 0.3868, 0.3157

# Trichromacy



## Original Color

43.2126, 0.3818, 0.3079

## Protanomaly

42.6692, 0.3321, 0.3126

## Deuteranomaly

43.0186, 0.3553, 0.3230

## Tritanomaly

43.2142, 0.3847, 0.3134

# Monochromacy



## Original Color

43.2126, 0.3818, 0.3079

## Achromatopsia

45.0786, 0.3127, 0.3290

## Achromatomaly

43.7899, 0.3353, 0.3202

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.2126, 0.3818, 0.3079 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(238, 151, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 151, 170)  
}
```

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(238, 151, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 151, 170) }
```

## Border

The CSS property to change the border of an element to Yxy 43.2126, 0.3818, 0.3079 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(238, 151, 170) }
```

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

```
.border{ border-color:rgb(238, 151, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 151, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 151,  
170) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.2126, 0.3818, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 151, 170) }
```

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

```
.background{ background-color: rgb(238,  
151, 170) }
```

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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