

Converting Colors

Yxy(50.8210, 0.3662, 0.3181)

Have a look what the booklet for
Yxy(50.8210, 0.3662, 0.3181)
contains.

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Color

Yxy(50.8127, 0.3662, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	EFABB5
RGB	239, 171, 181
RGB Percent	94%, 67%, 71%
CMY	0.0628, 0.3294, 0.2903
CMYK	0.00, 0.28, 0.24, 0.06
HSL	351°, 68%, 80%
HSV	351°, 28%, 94%
XYZ	58.4961, 50.8127, 50.4293
YIQ	192.4720, 37.3180, 17.5260

Conversions

Conversions Part 2

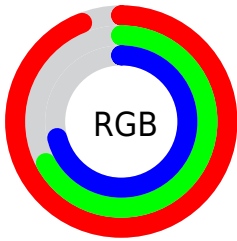
Format	Color
R _Y B	239, 171, 181
Decimal	15707061
CIE Lab	76.57, 26.32, 4.85
CIE LCh	77, 26.759, 10.453
Yxy	50.8127, 0.3662, 0.3181
Android (android.graphics.Color)	4293897141 (0xFFEFABB5)
YUV	192.4720, -5.6557, 40.8051
Hunter-Lab	71.2830, 21.7349, 7.9533

Details

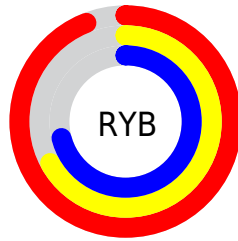
The Yxy color **50.8127, 0.3662, 0.3181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76.0461, 0.2766, 0.3404**, and the grayscale version is **53.0206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3126, 0.3257, 0.3192**, and **24.4605, 0.3818, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **41.8105, 0.3940, 0.3142**, and if you desaturate by 10%, it is **61.5745, 0.3436, 0.3221**.

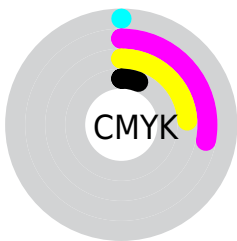
Distribution



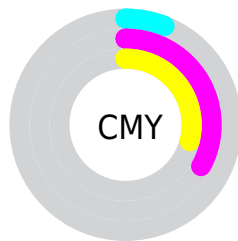
- Red (94%)
- Green (67%)
- Blue (71%)



- Red (94%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (24%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8127, 0.3662, 0.3181 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 50.8127, 0.3662, 0.3181 by changing the saturation by 10% instead.


 50.8127, 0.3662,
0.3181

 50.8127, 0.3662,
0.3181

389.8356, 0.3397,
0.3238

 36.0596, 0.3727,
0.3166


 91.3779, 0.3566,
0.3202

 24.4802, 0.3811,
0.3147


117.9587, 0.3530,
0.3210

 15.6902, 0.3921,
0.3120


149.2508, 0.3499,
0.3217

 9.3052, 0.4073,
0.3082

185.6387, 0.3473,
0.3222

 4.9408, 0.4296,
0.3023

227.5068, 0.3450,
0.3227

 2.2126, 0.4651,
0.2923

275.2393, 0.3430,

 0.7268, 0.5490,

0.3231

0.2781

329.2208, 0.3413,
0.3235

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8127, 0.3662,
0.3181

50.8127, 0.3662,
0.3181

41.8105, 0.3940,
0.3142

61.5745, 0.3436,
0.3221

34.4674, 0.4277,
0.3106

74.1751, 0.3253,
0.3259

28.6838, 0.4669,
0.3081

88.6976, 0.3106,
0.3295

24.3465, 0.5100,
0.3073

97.0893, 0.3029,
0.3290

■ 21.3269, 0.5535,
0.3089

■ 19.4735, 0.5917,
0.3133

■ 18.5714, 0.6194,
0.3197

■ 18.4709, 0.6228,
0.3205

Harmonies

Analogous

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



50.8127, 0.3335, 0.2920



50.8127, 0.3662, 0.3181



50.8127, 0.3839, 0.3479

Triad

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



50.8127, 0.3662, 0.3181



50.8127, 0.3256, 0.3914



50.8127, 0.2481, 0.2794

Complementary

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



50.8127, 0.3662, 0.3181



76.0461, 0.2766, 0.3404

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.



50.8127, 0.2464, 0.3034



50.8127, 0.3662, 0.3181



50.8127, 0.2897, 0.3708

Square

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



50.8127, 0.3662, 0.3181



50.8127, 0.3592, 0.3921



50.8127, 0.2612, 0.3372



50.8127, 0.2659, 0.2698

Rectangle

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



50.8127, 0.3662, 0.3181



50.8127, 0.3844, 0.3668



50.8127, 0.2612, 0.3372



50.8127, 0.2457, 0.2859

Sweetspot

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



50.8151, 0.3662, 0.3181



85.0236, 0.3263, 0.3257



51.9862, 0.3077, 0.2564



17.7171, 0.3287, 0.3252



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.



50.8151, 0.3662, 0.3181



52.7129, 0.3813, 0.3158



60.2330, 0.3682, 0.3553



15.7966, 0.3270, 0.3256



10.2198, 0.6200, 0.3189



0.8617, 0.5885, 0.3016

Inverse Universe

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



50.8151, 0.3662, 0.3181



52.7129, 0.3813, 0.3158



63.5931, 0.2685, 0.3010



15.7966, 0.3270, 0.3256



10.2198, 0.6200, 0.3189



0.8617, 0.5885, 0.3016

Previews

White Background



This preview shows how the Yxy color 50.8127, 0.3662, 0.3181 looks on a white background.

Color Contrast Check

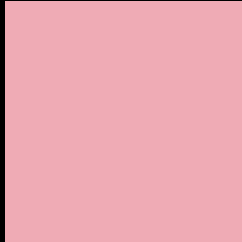
Large Text (above 18pt) WCAG AA × Fail

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 50.8127, 0.3662, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

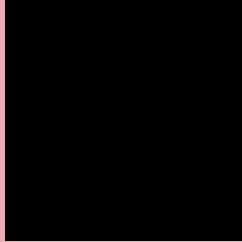
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8127, 0.3662, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 50.8127, 0.3662, 0.3181.



This preview shows how white text looks on a background with the Yxy color 50.8127, 0.3662, 0.3181.

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

50.8127, 0.3662, 0.3181

Protanopia

50.9345, 0.3137, 0.3253

Deuteranopia

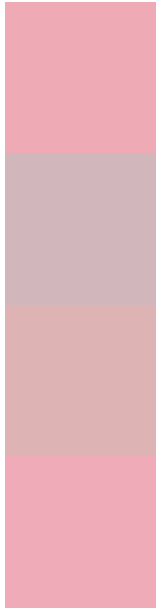
50.9705, 0.3402, 0.3339



Tritanopia

50.9372, 0.3634, 0.3148

Trichromacy



Original Color

50.8127, 0.3662, 0.3181

Protanomaly

50.5991, 0.3319, 0.3230

Deuteranomaly

50.9076, 0.3490, 0.3279

Tritanomaly

50.8954, 0.3643, 0.3159

Monochromacy



Original Color

50.8127, 0.3662, 0.3181

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4671, 0.3308, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8127, 0.3662, 0.3181 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, 171, 181)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 181)  
}
```

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, 171, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.8127, 0.3662, 0.3181 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, 171, 181) }
```

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

```
.border{ border-color:rgb(239, 171, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 171, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 181);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8127, 0.3662, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 181) }
```

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

```
.background{ background-color: rgb(239,  
171, 181) }
```

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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