

Converting Colors

$Y_{xy}(50.8186, 0.3582, 0.3070)$

Have a look what the booklet for
Yxy(50.8186, 0.3582, 0.3070)
contains.

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Color

Yxy(50.8179, 0.3581, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	EFAABE
RGB	239, 170, 190
RGB Percent	94%, 67%, 75%
CMY	0.0629, 0.3332, 0.2549
CMYK	0.00, 0.29, 0.20, 0.06
HSL	343°, 68%, 80%
HSV	343°, 29%, 94%
XYZ	59.2572, 50.8179, 55.4016
YIQ	192.9110, 34.7040, 20.8480

Conversions

Conversions Part 2

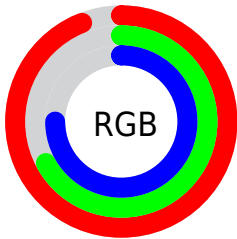
Format	Color
R _Y B	239, 170, 190
Decimal	15706814
CIE Lab	76.57, 28.14, -0.07
CIE LCh	77, 28.138, 359.864
Yxy	50.8179, 0.3581, 0.3071
Android (android.graphics.Color)	4293896894 (0xFFEFAABE)
YUV	192.9110, -1.4351, 40.4201
Hunter-Lab	71.2867, 23.6269, 3.8225

Details

The Yxy color **50.8179, 0.3581, 0.3071** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.3756, 0.2814, 0.3523**, and the grayscale version is **53.2677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3065, 0.3199, 0.3095**, and **24.4738, 0.3704, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **41.9595, 0.3810, 0.2992**, and if you desaturate by 10%, it is **61.3958, 0.3393, 0.3150**.

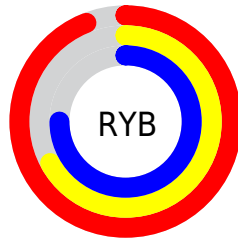
Distribution



Red (94%)

Green (67%)

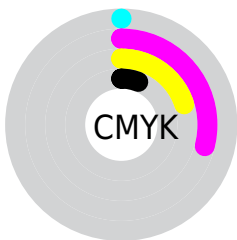
Blue (75%)



Red (94%)

Yellow (67%)

Blue (75%)

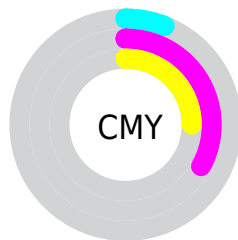


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (6%)



Cyan (6%)


Magenta (33%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8179, 0.3581, 0.3071 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 50.8179, 0.3581, 0.3071 by changing the saturation by 10% instead.


 50.8179, 0.3581,
0.3071

 50.8179, 0.3581,
0.3071

389.8559, 0.3357,
0.3179

 36.0637, 0.3636,
0.3045


 91.3855, 0.3500,
0.3110

 24.4834, 0.3706,
0.3011


117.9678, 0.3470,
0.3125

 15.6926, 0.3797,
0.2967

149.2615, 0.3444,
0.3137

 9.3069, 0.3924,
0.2906

185.6511, 0.3422,
0.3148

 4.9419, 0.4108,
0.2817

227.5209, 0.3403,
0.3157

 2.2132, 0.4400,
0.2676

275.2554, 0.3386,

 0.7272, 0.4961,

0.3165

0.2405

329.2389, 0.3371,
0.3173

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8179, 0.3581,
0.3071

50.8179, 0.3581,
0.3071

41.9595, 0.3810,
0.2992

61.3958, 0.3393,
0.3150

34.7224, 0.4085,
0.2920

73.7706, 0.3239,
0.3226

29.0091, 0.4405,
0.2862

88.0234, 0.3114,
0.3298

24.7088, 0.4762,
0.2830

97.0849, 0.3029,
0.3290

■ 21.6954, 0.5137,
0.2835

■ 19.8199, 0.5496,
0.2886

■ 18.8621, 0.5805,
0.2979

■ 18.7778, 0.5838,
0.2990

Harmonies

Analogous

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



50.8179, 0.3207, 0.2825



50.8179, 0.3581, 0.3071



50.8179, 0.3834, 0.3376

Triad

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



50.8179, 0.3581, 0.3071



50.8179, 0.3394, 0.3975



50.8179, 0.2424, 0.2841

Complementary

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



50.8179, 0.3581, 0.3071



75.3756, 0.2814, 0.3523

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.



50.8179, 0.2467, 0.3137



50.8179, 0.3581, 0.3071



50.8179, 0.3013, 0.3829

Square

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



50.8179, 0.3581, 0.3071



50.8179, 0.3715, 0.3907



50.8179, 0.2677, 0.3508



50.8179, 0.2552, 0.2687

Rectangle

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



50.8179, 0.3581, 0.3071



50.8179, 0.3891, 0.3583



50.8179, 0.2677, 0.3508



50.8179, 0.2419, 0.2926

Sweetspot

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



50.8203, 0.3581, 0.3071



85.2157, 0.3241, 0.3225



49.9367, 0.2992, 0.2534



17.7641, 0.3262, 0.3214



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.



50.8203, 0.3581, 0.3071



52.2304, 0.3720, 0.3021



55.4503, 0.3724, 0.3445



15.8342, 0.3248, 0.3222



10.4000, 0.5797, 0.2967



0.8818, 0.5424, 0.2762

Inverse Universe

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



50.8203, 0.3581, 0.3071



52.2304, 0.3720, 0.3021



68.7250, 0.2692, 0.3129



15.8342, 0.3248, 0.3222



10.4000, 0.5797, 0.2967



0.8818, 0.5424, 0.2762

Previews

White Background



This preview shows how the Yxy color 50.8179, 0.3581, 0.3071 looks on a white background.

Color Contrast Check

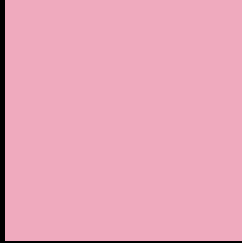
Large Text (above 18pt) WCAG AA × Fail

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 50.8179, 0.3581, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

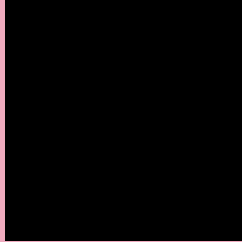
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8179, 0.3581, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 50.8179, 0.3581, 0.3071.



This preview shows how white text looks on a background with the Yxy color 50.8179, 0.3581, 0.3071.

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

50.8179, 0.3581, 0.3071

Protanopia

51.0023, 0.3037, 0.3129

Deuteranopia

50.9077, 0.3301, 0.3230



Tritanopia

50.7637, 0.3625, 0.3147

Trichromacy



Original Color

50.8179, 0.3581, 0.3071



Protanomaly

50.3444, 0.3221, 0.3099



Deuteranomaly

50.5750, 0.3396, 0.3162



Tritanomaly

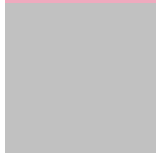
50.8481, 0.3607, 0.3125

Monochromacy



Original Color

50.8179, 0.3581, 0.3071



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.2053, 0.3283, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8179, 0.3581, 0.3071 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, 170, 190)` looks like.

```
.text, #text, p{  
    color:rgb(239, 170, 190)  
}
```

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, 170, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 170, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.8179, 0.3581, 0.3071 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, 170, 190) }
```

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

```
.border{ border-color:rgb(239, 170, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 170, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 170, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 170, 190);  
box-shadow:4px 4px 4px 4px rgb(239, 170,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8179, 0.3581, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 170, 190) }
```

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

```
.background{ background-color: rgb(239,  
170, 190) }
```

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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