

Converting Colors

$Y_{xy}(48.6729, 0.3575, 0.3059)$

Have a look what the booklet for
Yxy(48.6729, 0.3575, 0.3059)
contains.

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Color

Yxy(48.8875, 0.3579, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	EBA7BB
RGB	235, 167, 187
RGB Percent	92%, 65%, 73%
CMY	0.0785, 0.3451, 0.2665
CMYK	0.00, 0.29, 0.20, 0.08
HSL	342°, 63%, 79%
HSV	342°, 29%, 92%
XYZ	57.0487, 48.8875, 53.4622
YIQ	189.6120, 34.1080, 20.6360

Conversions

Conversions Part 2

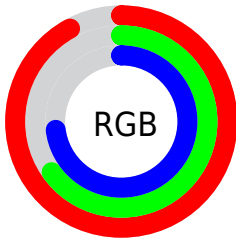
Format	Color
R _Y B	235, 167, 187
Decimal	15443899
CIE Lab	75.38, 27.88, -0.23
CIE LCh	75, 27.883, 359.530
Yxy	48.8875, 0.3579, 0.3067
Android (android.graphics.Color)	4293633979 (0xFFEBA7BB)
YUV	189.6120, -1.2877, 39.8053
Hunter-Lab	69.9196, 23.2822, 3.6091

Details

The Yxy color **48.8875, 0.3579, 0.3067** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.5294, 0.2816, 0.3527**, and the grayscale version is **51.2527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5064, 0.3220, 0.3094**, and **23.2208, 0.3704, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **40.3779, 0.3807, 0.2987**, and if you desaturate by 10%, it is **59.0478, 0.3392, 0.3147**.

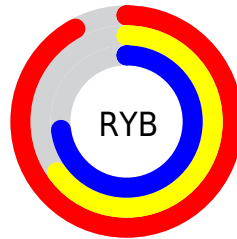
Distribution



Red (92%)

Green (65%)

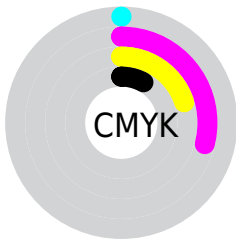
Blue (73%)



Red (92%)

Yellow (65%)

Blue (73%)

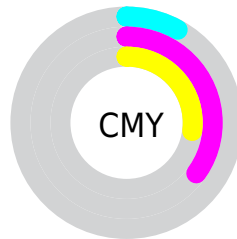


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (8%)



Cyan (8%)


Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8875, 0.3579, 0.3067 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 48.8875, 0.3579, 0.3067 by changing the saturation by 10% instead.


 48.8875, 0.3579,
0.3067

 48.8875, 0.3579,
0.3067


382.2993, 0.3355,
0.3178

 34.5302, 0.3634,
0.3040


 88.5243, 0.3498,
0.3107

 23.3012, 0.3705,
0.3005


 114.5727, 0.3468,
0.3122

 14.8161, 0.3798,
0.2959


145.2869, 0.3442,
0.3135

 8.6904, 0.3928,
0.2895

181.0514, 0.3419,
0.3146

 4.5398, 0.4118,
0.2802

222.2504, 0.3400,
0.3155

 1.9799, 0.4423,
0.2652

269.2685, 0.3383,

 0.5957, 0.5107,

0.3164

0.2313

322.4900, 0.3368,
0.3171

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8875, 0.3579,
0.3067

48.8875, 0.3579,
0.3067

40.3779, 0.3807,
0.2987

59.0478, 0.3392,
0.3147

33.4247, 0.4079,
0.2913

70.9331, 0.3239,
0.3225

27.9344, 0.4396,
0.2854

84.6213, 0.3115,
0.3298

23.8007, 0.4750,
0.2821

96.2932, 0.3014,
0.3306

■ 20.9025, 0.5122,
0.2826

■ 96.3998, 0.3005,
0.3290

■ 19.0970, 0.5479,
0.2877

■ 18.1695, 0.5788,
0.2969

■ 18.0923, 0.5819,
0.2979

Harmonies

Analogous

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



48.8875, 0.3203, 0.2821



48.8875, 0.3579, 0.3067



48.8875, 0.3835, 0.3372

Triad

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



48.8875, 0.3579, 0.3067



48.8875, 0.3399, 0.3978



48.8875, 0.2421, 0.2842

Complementary

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



48.8875, 0.3579, 0.3067



72.5294, 0.2816, 0.3527

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.



48.8875, 0.2466, 0.3140



48.8875, 0.3579, 0.3067



48.8875, 0.3017, 0.3834

Square

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



48.8875, 0.3579, 0.3067



48.8875, 0.3720, 0.3908



48.8875, 0.2679, 0.3513



48.8875, 0.2548, 0.2685

Rectangle

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



48.8875, 0.3579, 0.3067



48.8875, 0.3894, 0.3580



48.8875, 0.2679, 0.3513



48.8875, 0.2416, 0.2928

Sweetspot

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



48.8898, 0.3579, 0.3067



85.2222, 0.3241, 0.3224



48.0235, 0.2991, 0.2533



17.7657, 0.3261, 0.3213



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.



48.8898, 0.3579, 0.3067



52.2493, 0.3716, 0.3017



53.3371, 0.3725, 0.3445



15.1271, 0.3247, 0.3221



10.0900, 0.5778, 0.2957



0.8086, 0.5384, 0.2740

Inverse Universe

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



48.8898, 0.3579, 0.3067



52.2493, 0.3716, 0.3017



66.1332, 0.2691, 0.3129



15.1271, 0.3247, 0.3221



10.0900, 0.5778, 0.2957



0.8086, 0.5384, 0.2740

Previews

White Background



This preview shows how the Yxy color 48.8875, 0.3579, 0.3067 looks on a white background.

Color Contrast Check

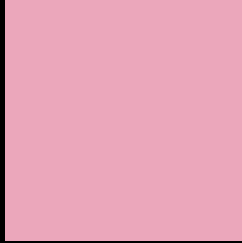
Large Text (above 18pt) WCAG AA × Fail

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 48.8875, 0.3579, 0.3067 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 48.8875, 0.3579, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 48.8875, 0.3579, 0.3067.



This preview shows how white text looks on a background with the Yxy color 48.8875, 0.3579, 0.3067.

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

48.8875, 0.3579, 0.3067

Protanopia

49.2142, 0.3036, 0.3126

Deuteranopia

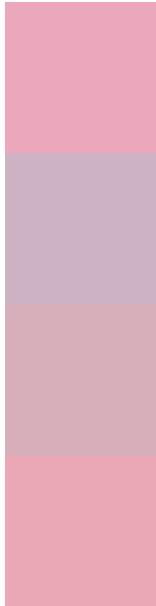
48.9827, 0.3295, 0.3229



Tritanopia

48.8339, 0.3624, 0.3145

Trichromacy



Original Color

48.8875, 0.3579, 0.3067

Protanomaly

48.5732, 0.3223, 0.3096

Deuteranomaly

48.6522, 0.3392, 0.3160

Tritanomaly

48.9166, 0.3605, 0.3122

Monochromacy



Original Color

48.8875, 0.3579, 0.3067

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.2518, 0.3277, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8875, 0.3579, 0.3067 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(235, 167, 187)` looks like.

```
.text, #text, p{  
    color:rgb(235, 167, 187)  
}
```

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(235, 167, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 167, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.8875, 0.3579, 0.3067 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(235, 167, 187) }
```

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

```
.border{ border-color:rgb(235, 167, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 167, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 167, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 167, 187); box-shadow:4px 4px 4px 4px rgb(235, 167, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8875, 0.3579, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 167, 187) }
```

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

```
.background{ background-color: rgb(235,  
167, 187) }
```

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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