

Converting Colors

$Y_{xy}(48.9076, 0.3598, 0.3054)$

Have a look what the booklet for
Yxy(48.9076, 0.3598, 0.3054)
contains.

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Color

Yxy(48.8648, 0.3600, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6BB
RGB	237, 166, 187
RGB Percent	93%, 65%, 73%
CMY	0.0706, 0.3490, 0.2667
CMYK	0.00, 0.30, 0.21, 0.07
HSL	342°, 66%, 79%
HSV	342°, 30%, 93%
XYZ	57.5256, 48.8648, 53.4029
YIQ	189.6230, 35.5750, 21.5830

Conversions

Conversions Part 2

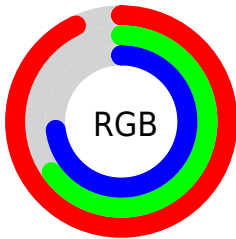
Format	Color
RYB	237, 166, 187
Decimal	15574715
CIELab	75.37, 29.11, -0.19
CIElCh	75, 29.116, 359.617
Yxy	48.8648, 0.3600, 0.3058
Android (android.graphics.Color)	4293764795 (0xFFEDA6BB)
YUV	189.6230, -1.2931, 41.5496
Hunter-Lab	69.9034, 24.5622, 3.6375

Details

The Yxy color **48.8648, 0.3600, 0.3058** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.6276, 0.2806, 0.3537**, and the grayscale version is **51.2574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9736, 0.3221, 0.3084**, and **23.2348, 0.3733, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **40.3555, 0.3832, 0.2978**, and if you desaturate by 10%, it is **59.0493, 0.3409, 0.3139**.

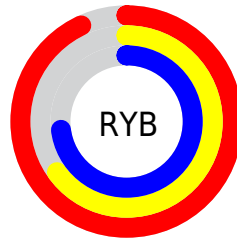
Distribution



Red (93%)

Green (65%)

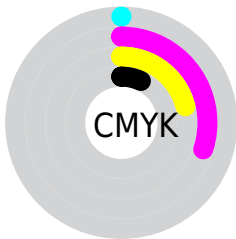
Blue (73%)



Red (93%)

Yellow (65%)

Blue (73%)

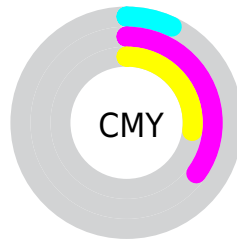


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (7%)



Cyan (7%)

Magenta (35%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8648, 0.3600, 0.3058 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 48.8648, 0.3600, 0.3058 by changing the saturation by 10% instead.


 48.8648, 0.3600,
0.3058


 48.8648, 0.3600,
0.3058


382.2098, 0.3366,
0.3173

 34.5122, 0.3658,
0.3030


 88.4906, 0.3515,
0.3100

 23.2874, 0.3732,
0.2993


 114.5327, 0.3483,
0.3115

 14.8059, 0.3830,
0.2946


145.2400, 0.3456,
0.3129

 8.6832, 0.3965,
0.2879

180.9970, 0.3433,
0.3140

 4.5352, 0.4163,
0.2782

222.1881, 0.3413,
0.3150

 1.9772, 0.4482,
0.2627

269.1977, 0.3395,

 0.5942, 0.5191,

0.3159

0.2277

322.4101, 0.3379,
0.3166

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8648, 0.3600,
0.3058

48.8648, 0.3600,
0.3058

40.3555, 0.3832,
0.2978

59.0493, 0.3409,
0.3139

33.4243, 0.4109,
0.2905

70.9855, 0.3253,
0.3217

27.9750, 0.4430,
0.2848

84.7534, 0.3127,
0.3290

23.8974, 0.4787,
0.2818

96.6632, 0.3024,
0.3302

■ 21.0664, 0.5158,
0.2828

■ 96.7421, 0.3017,
0.3290

■ 19.3329, 0.5512,
0.2884

■ 18.4483, 0.5816,
0.2978

■ 18.4444, 0.5817,
0.2978

Harmonies

Analogous

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



48.8648, 0.3207, 0.2803



48.8648, 0.3600, 0.3058



48.8648, 0.3867, 0.3375

Triad

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



48.8648, 0.3600, 0.3058



48.8648, 0.3409, 0.4010



48.8648, 0.2392, 0.2821

Complementary

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



48.8648, 0.3600, 0.3058



73.6276, 0.2806, 0.3537

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.



48.8648, 0.2438, 0.3131



48.8648, 0.3600, 0.3058



48.8648, 0.3010, 0.3859

Square

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



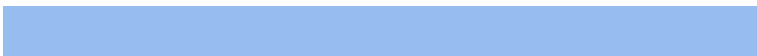
48.8648, 0.3600, 0.3058



48.8648, 0.3745, 0.3934



48.8648, 0.2658, 0.3522



48.8648, 0.2524, 0.2660

Rectangle

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



48.8648, 0.3600, 0.3058



48.8648, 0.3928, 0.3591



48.8648, 0.2658, 0.3522



48.8648, 0.2387, 0.2910

Sweetspot

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



48.8671, 0.3600, 0.3058



85.2233, 0.3241, 0.3224



47.9440, 0.2985, 0.2504



17.7660, 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.



48.8671, 0.3600, 0.3058



51.2572, 0.3739, 0.3008



53.4828, 0.3753, 0.3451



15.1273, 0.3246, 0.3221



10.0914, 0.5775, 0.2955



0.8088, 0.5381, 0.2738

Inverse Universe

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



48.8671, 0.3600, 0.3058



51.2572, 0.3739, 0.3008



66.8863, 0.2677, 0.3122



15.1273, 0.3246, 0.3221



10.0914, 0.5775, 0.2955



0.8088, 0.5381, 0.2738

Previews

White Background



This preview shows how the Yxy color 48.8648, 0.3600, 0.3058 looks on a white background.

Color Contrast Check

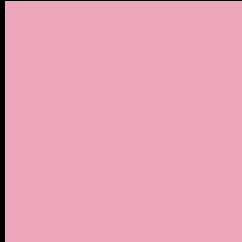
Large Text (above 18pt) WCAG AA × Fail

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 48.8648, 0.3600, 0.3058 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 48.8648, 0.3600, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 48.8648, 0.3600, 0.3058.



This preview shows how white text looks on a background with the Yxy color 48.8648, 0.3600, 0.3058.

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

48.8648, 0.3600, 0.3058

Protanopia

49.2142, 0.3036, 0.3126

Deuteranopia

48.9406, 0.3303, 0.3242



Tritanopia

48.7656, 0.3654, 0.3146

Trichromacy



Original Color

48.8648, 0.3600, 0.3058

Protanomaly

48.7150, 0.3231, 0.3097

Deuteranomaly

48.7617, 0.3409, 0.3172

Tritanomaly

48.8892, 0.3626, 0.3112

Monochromacy



Original Color

48.8648, 0.3600, 0.3058

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

49.9873, 0.3287, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8648, 0.3600, 0.3058 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(237, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 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(237, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.8648, 0.3600, 0.3058 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(237, 166, 187) }
```

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

```
.border{ border-color:rgb(237, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8648, 0.3600, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 187) }
```

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

```
.background{ background-color: rgb(237,  
166, 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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