

Converting Colors

$Y_{xy}(38.9225, 0.3730, 0.2880)$

Have a look what the booklet for
Yxy(38.9225, 0.3730, 0.2880)
contains.

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Color

Yxy(39.0466, 0.3727, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	E88CB0
RGB	232, 140, 176
RGB Percent	91%, 55%, 69%
CMY	0.0901, 0.4510, 0.3099
CMYK	0.00, 0.40, 0.24, 0.09
HSL	337°, 67%, 73%
HSV	337°, 40%, 91%
XYZ	50.4950, 39.0466, 45.9428
YIQ	171.6120, 43.2760, 30.7000

Conversions

Conversions Part 2

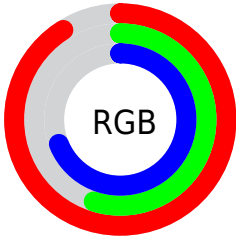
Format	Color
R _Y B	232, 140, 176
Decimal	15240368
CIE Lab	68.79, 39.50, -3.83
CIE LCh	69, 39.687, 354.466
Yxy	39.0466, 0.3727, 0.2882
Android (android.graphics.Color)	4293430448 (0xFFE88CB0)
YUV	171.6120, 2.1633, 52.9603
Hunter-Lab	62.4873, 34.8904, 0.1491

Details

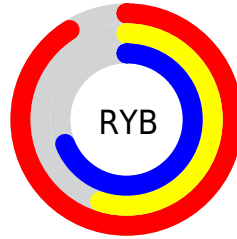
The Yxy color **39.0466, 0.3727, 0.2882** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.2823, 0.2765, 0.3748**, and the grayscale version is **41.0221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1164, 0.3324, 0.2918**, and **17.4334, 0.3893, 0.2760** is the 20% darker color. If you saturate the color by 10%, you get **32.4375, 0.3959, 0.2784**, and if you desaturate by 10%, it is **47.1469, 0.3531, 0.2988**.

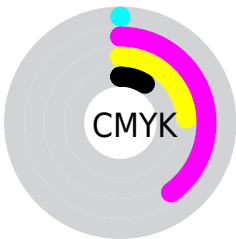
Distribution



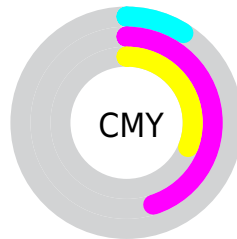
- Red (91%)
- Green (55%)
- Blue (69%)



- Red (91%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0466, 0.3727, 0.2882 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 39.0466, 0.3727, 0.2882 by changing the saturation by 10% instead.


 39.0466, 0.3727,
0.2882


 39.0466, 0.3727,
0.2882

342.0886, 0.3421,
0.3088


 26.7960, 0.3805,
0.2830


 73.7095, 0.3614,
0.2957

 17.4201, 0.3907,
0.2764


 96.8906, 0.3572,
0.2985

 10.5344, 0.4044,
0.2675


 124.4839, 0.3537,
0.3009

 5.7547, 0.4238,
0.2551

156.8739, 0.3507,
0.3029

 2.6965, 0.4534,
0.2365

194.4450, 0.3481,
0.3047

 0.9754, 0.5035,
0.2061

237.5815, 0.3458,

 0.0000, 0.8735,


0.3062


0.0000


286.6679, 0.3439,
0.3076


 0.0000, 0.0000,
0.0000


 39.0466, 0.3727,
0.2882


 39.0466, 0.3727,
0.2882

 32.4375, 0.3959,
0.2784


 47.1469, 0.3531,
0.2988


 27.2218, 0.4227,
0.2703


 56.8172, 0.3368,
0.3094


 23.2983, 0.4526,
0.2651

 68.1374, 0.3234,
0.3196

 20.5501, 0.4841,
0.2641

 81.1803, 0.3124,
0.3293

 18.8381, 0.5153,
0.2683

 95.3699, 0.3034,
0.3373

■ 17.9343, 0.5441,
0.2773

■ 95.8978, 0.2988,
0.3290

■ 17.9087, 0.5450,
0.2776

Harmonies

Analogous

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



39.0466, 0.3130, 0.2554



39.0466, 0.3727, 0.2882



39.0466, 0.4173, 0.3309

Triad

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



39.0466, 0.3727, 0.2882



39.0466, 0.3611, 0.4362



39.0466, 0.2077, 0.2657

Complementary

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



39.0466, 0.3727, 0.2882



67.2823, 0.2765, 0.3748

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.



39.0466, 0.2177, 0.3130



39.0466, 0.3727, 0.2882



39.0466, 0.3038, 0.4218

Square

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



39.0466, 0.3727, 0.2882



39.0466, 0.4080, 0.4160



39.0466, 0.2516, 0.3731



39.0466, 0.2218, 0.2408

Rectangle

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



39.0466, 0.3727, 0.2882



39.0466, 0.4297, 0.3614



39.0466, 0.2516, 0.3731



39.0466, 0.2083, 0.2792

Sweetspot

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



39.0485, 0.3727, 0.2882



80.8641, 0.3264, 0.3172



36.2132, 0.2842, 0.2213



16.9027, 0.3281, 0.3159



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.



39.0485, 0.3727, 0.2882



41.2403, 0.3924, 0.2797



40.6103, 0.4084, 0.3399



14.4609, 0.3231, 0.3198



9.9641, 0.5408, 0.2753



0.7541, 0.5018, 0.2538

Inverse Universe

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



39.0485, 0.3727, 0.2882



41.2403, 0.3924, 0.2797



64.0768, 0.2563, 0.3175



14.4609, 0.3231, 0.3198



9.9641, 0.5408, 0.2753



0.7541, 0.5018, 0.2538

Previews

White Background



This preview shows how the Yxy color 39.0466, 0.3727, 0.2882 looks on a white background.

Color Contrast Check

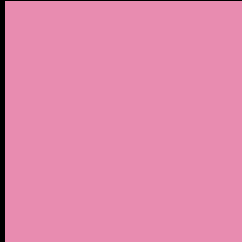
Large Text (above 18pt) WCAG AA × Fail

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 39.0466, 0.3727, 0.2882 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 39.0466, 0.3727, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 39.0466, 0.3727, 0.2882.



This preview shows how white text looks on a background with the Yxy color 39.0466, 0.3727, 0.2882.

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

39.0466, 0.3727, 0.2882

Protanopia

39.3802, 0.2889, 0.2936

Deuteranopia

39.2402, 0.3237, 0.3170



Tritanopia

39.1361, 0.3924, 0.3165

Trichromacy



Original Color

39.0466, 0.3727, 0.2882



Protanomaly

38.5206, 0.3164, 0.2901



Deuteranomaly

38.8773, 0.3414, 0.3062



Tritanomaly

39.2782, 0.3850, 0.3062

Monochromacy



Original Color

39.0466, 0.3727, 0.2882



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.6281, 0.3337, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0466, 0.3727, 0.2882 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(232, 140, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 140, 176)  
}
```

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(232, 140, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 140, 176) }
```

Border

The CSS property to change the border of an element to Yxy 39.0466, 0.3727, 0.2882 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(232, 140, 176) }
```

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

```
.border{ border-color:rgb(232, 140, 176) }
```

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

Here you see how a box with a 4 pixel rgb(232, 140, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 140, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 140, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 140,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0466, 0.3727, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 140, 176) }
```

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

```
.background{ background-color: rgb(232,  
140, 176) }
```

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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