

Converting Colors

$Y_{xy}(39.8940, 0.3672, 0.2985)$

Have a look what the booklet for
Yxy(39.8940, 0.3672, 0.2985)
contains.

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Color

Yxy(39.8921, 0.3671, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	E193AD
RGB	225, 147, 173
RGB Percent	88%, 58%, 68%
CMY	0.1176, 0.4235, 0.3217
CMYK	0.00, 0.35, 0.23, 0.12
HSL	340°, 57%, 73%
HSV	340°, 35%, 88%
XYZ	49.0271, 39.8921, 44.6332
YIQ	173.2860, 38.1420, 24.6220

Conversions

Conversions Part 2

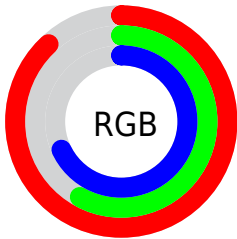
Format	Color
R _Y B	225, 147, 173
Decimal	14783405
CIE Lab	69.39, 32.92, -1.34
CIE LCh	69, 32.948, 357.668
Yxy	39.8921, 0.3671, 0.2987
Android (android.graphics.Color)	4292973485 (0xFFE193AD)
YUV	173.2860, -0.1410, 45.3532
Hunter-Lab	63.1602, 28.0274, 2.3139

Details

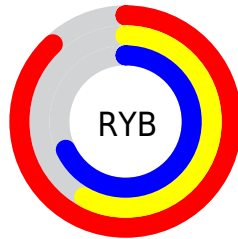
The Yxy color **39.8921, 0.3671, 0.2987** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.1846, 0.2779, 0.3620**, and the grayscale version is **41.9293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1025, 0.3347, 0.3028**, and **17.8897, 0.3829, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **33.0181, 0.3907, 0.2900**, and if you desaturate by 10%, it is **48.2037, 0.3474, 0.3078**.

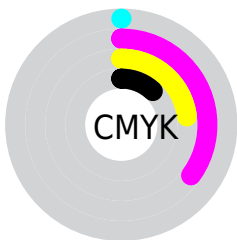
Distribution



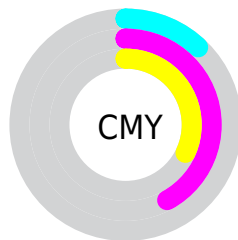
- Red (88%)
- Green (58%)
- Blue (68%)



- Red (88%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (12%)




- Cyan (12%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8921, 0.3671, 0.2987 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 39.8921, 0.3671, 0.2987 by changing the saturation by 10% instead.


 39.8921, 0.3671,
0.2987


 39.8921, 0.3671,
0.2987


345.6686, 0.3393,
0.3141

 27.4544, 0.3742,
0.2948


 74.9992, 0.3568,
0.3044

 17.9148, 0.3835,
0.2897


 98.4374, 0.3530,
0.3065

 10.8888, 0.3961,
0.2828


126.3112, 0.3498,
0.3082

 5.9921, 0.4139,
0.2731

159.0050, 0.3471,
0.3098

 2.8403, 0.4413,
0.2584

196.9033, 0.3448,
0.3111

 1.0489, 0.4883,
0.2334

240.3904, 0.3427,

 0.0000, 0.9730,

0.3122

0.0000

289.8507, 0.3409,
0.3132

0.0000, 0.0000,
0.0000

39.8921, 0.3671,
0.2987

39.8921, 0.3671,
0.2987

33.0181, 0.3907,
0.2900

48.2037, 0.3474,
0.3078

27.4939, 0.4186,
0.2824

58.0229, 0.3312,
0.3167

23.2304, 0.4503,
0.2769

69.4219, 0.3180,
0.3252

20.1258, 0.4847,
0.2748

82.4668, 0.3072,
0.3332

18.0619, 0.5195,
0.2773

94.3080, 0.2984,
0.3360

■ 16.8948, 0.5518,
0.2847

■ 94.7490, 0.2946,
0.3289

■ 16.5154, 0.5675,
0.2900

Harmonies

Analogous

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



39.8921, 0.3187, 0.2694



39.8921, 0.3671, 0.2987



39.8921, 0.4012, 0.3358

Triad

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



39.8921, 0.3671, 0.2987



39.8921, 0.3490, 0.4170



39.8921, 0.2247, 0.2739

Complementary

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



39.8921, 0.3671, 0.2987



64.1846, 0.2779, 0.3620

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.



39.8921, 0.2314, 0.3119



39.8921, 0.3671, 0.2987



39.8921, 0.3011, 0.4010

Square

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



39.8921, 0.3671, 0.2987



39.8921, 0.3890, 0.4048



39.8921, 0.2584, 0.3601



39.8921, 0.2389, 0.2541

Rectangle

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



39.8921, 0.3671, 0.2987



39.8921, 0.4096, 0.3616



39.8921, 0.2584, 0.3601



39.8921, 0.2246, 0.2847

Sweetspot

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



39.8940, 0.3671, 0.2987



83.7480, 0.3248, 0.3207



38.4491, 0.2934, 0.2371



17.4743, 0.3267, 0.3195



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.



39.8940, 0.3671, 0.2987



45.8500, 0.3848, 0.2920



43.2595, 0.3895, 0.3446



13.7754, 0.3240, 0.3212



9.5355, 0.5634, 0.2877



0.6772, 0.5199, 0.2638

Inverse Universe

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



39.8940, 0.3671, 0.2987



45.8500, 0.3848, 0.2920



58.7314, 0.2617, 0.3126



13.7754, 0.3240, 0.3212



9.5355, 0.5634, 0.2877



0.6772, 0.5199, 0.2638

Previews

White Background



This preview shows how the Yxy color 39.8921, 0.3671, 0.2987 looks on a white background.

Color Contrast Check

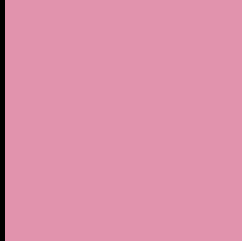
Large Text (above 18pt) WCAG AA × Fail

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 39.8921, 0.3671, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

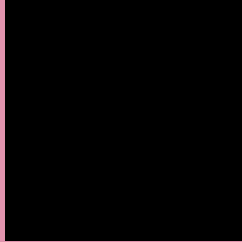
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8921, 0.3671, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 39.8921, 0.3671, 0.2987.



This preview shows how white text looks on a background with the Yxy color 39.8921, 0.3671, 0.2987.

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

39.8921, 0.3671, 0.2987

Protanopia

40.2459, 0.2979, 0.3058

Deuteranopia

39.8923, 0.3282, 0.3211



Tritanopia

39.8803, 0.3792, 0.3161

Trichromacy



Original Color

39.8921, 0.3671, 0.2987

Protanomaly

39.6448, 0.3215, 0.3029

Deuteranomaly

39.6734, 0.3418, 0.3125

Tritanomaly

39.7437, 0.3742, 0.3091

Monochromacy



Original Color

39.8921, 0.3671, 0.2987

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7745, 0.3312, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8921, 0.3671, 0.2987 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(225, 147, 173)` looks like.

```
.text, #text, p{  
    color:rgb(225, 147, 173)  
}
```

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(225, 147, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 147, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.8921, 0.3671, 0.2987 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(225, 147, 173) }
```

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

```
.border{ border-color:rgb(225, 147, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 147, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 147, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 147, 173);  
box-shadow:4px 4px 4px 4px rgb(225, 147,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8921, 0.3671, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 147, 173) }
```

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

```
.background{ background-color: rgb(225,  
147, 173) }
```

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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