

Converting Colors

$Yxy(43.8231, 0.3602, 0.2973)$

Have a look what the booklet for
Yxy(43.8231, 0.3602, 0.2973)
contains.

Yxy(43.8505, 0.3608, 0.2972)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8505, 0.3608, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	E79BB7
RGB	231, 155, 183
RGB Percent	91%, 61%, 72%
CMY	0.0939, 0.3922, 0.2823
CMYK	0.00, 0.33, 0.21, 0.09
HSL	338°, 61%, 76%
HSV	338°, 33%, 91%
XYZ	53.2344, 43.8505, 50.4605
YIQ	180.9160, 36.3080, 24.8200

Conversions

Conversions Part 2

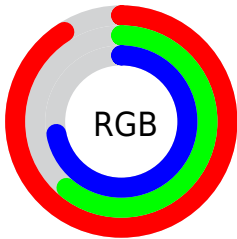
Format	Color
R _Y B	231, 155, 183
Decimal	15178679
CIE Lab	72.13, 32.29, -2.83
CIE LCh	72, 32.409, 354.996
Yxy	43.8505, 0.3608, 0.2972
Android (android.graphics.Color)	4293368759 (0xFFE79BB7)
YUV	180.9160, 1.0274, 43.9237
Hunter-Lab	66.2197, 27.6126, 1.1738

Details

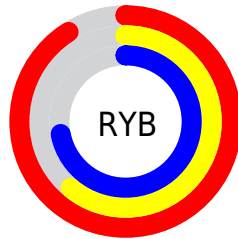
The Yxy color **43.8505, 0.3608, 0.2972** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.4562, 0.2809, 0.3636**, and the grayscale version is **46.1418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5852, 0.3258, 0.3002**, and **20.3109, 0.3746, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **36.3086, 0.3824, 0.2874**, and if you desaturate by 10%, it is **52.9307, 0.3428, 0.3073**.

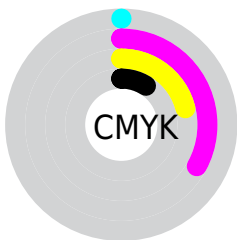
Distribution



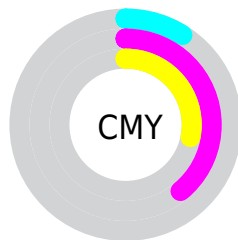
- Red (91%)
- Green (61%)
- Blue (72%)



- Red (91%)
- Yellow (61%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (39%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8505, 0.3608, 0.2972 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 43.8505, 0.3608, 0.2972 by changing the saturation by 10% instead.

 43.8505, 0.3608,
0.2972

 43.8505, 0.3608,
0.2972


362.0979, 0.3367,
0.3130

 30.5530, 0.3669,
0.2933


 80.9927, 0.3520,
0.3029

 20.2587, 0.3747,
0.2883


 105.6063, 0.3487,
0.3051

 12.5832, 0.3851,
0.2816

134.7606, 0.3459,
0.3069

 7.1422, 0.3996,
0.2724

168.8401, 0.3435,
0.3085

 3.5512, 0.4214,
0.2588

208.2292, 0.3415,
0.3098

 1.4258, 0.4573,
0.2369

253.3122, 0.3397,

 0.2356, 0.5975,

0.3110

0.1375

304.4737, 0.3381,
0.3121

■ 0.0000, 0.0000,
0.0000

■ 43.8505, 0.3608,
0.2972

■ 43.8505, 0.3608,
0.2972

■ 36.3086, 0.3824,
0.2874

■ 52.9307, 0.3428,
0.3073

■ 30.2126, 0.4079,
0.2786

■ 63.6223, 0.3280,
0.3171

■ 25.4701, 0.4371,
0.2719

■ 76.0012, 0.3158,
0.3264

■ 21.9748, 0.4690,
0.2684

■ 90.1366, 0.3059,
0.3351

■ 19.6045, 0.5021,
0.2695

■ 95.7363, 0.2982,
0.3290

■ 18.2120, 0.5336,
0.2757

■ 17.6541, 0.5541,
0.2826

Harmonies

Analogous

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



43.8505, 0.3143, 0.2700



43.8505, 0.3608, 0.2972



43.8505, 0.3950, 0.3324

Triad

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



43.8505, 0.3608, 0.2972



43.8505, 0.3514, 0.4127



43.8505, 0.2282, 0.2791

Complementary

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



43.8505, 0.3608, 0.2972



68.4562, 0.2809, 0.3636

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.



43.8505, 0.2365, 0.3167



43.8505, 0.3608, 0.2972



43.8505, 0.3058, 0.3999

Square

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



43.8505, 0.3608, 0.2972



43.8505, 0.3882, 0.3994



43.8505, 0.2641, 0.3627



43.8505, 0.2401, 0.2584

Rectangle

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



43.8505, 0.3608, 0.2972



43.8505, 0.4047, 0.3572



43.8505, 0.2641, 0.3627



43.8505, 0.2287, 0.2900

Sweetspot

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



43.8526, 0.3608, 0.2972



83.8015, 0.3242, 0.3198



41.7500, 0.2913, 0.2410



17.4872, 0.3260, 0.3185



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.



43.8526, 0.3608, 0.2972



47.7855, 0.3762, 0.2900



45.8621, 0.3859, 0.3395



14.4554, 0.3235, 0.3204



9.9148, 0.5499, 0.2803



0.7501, 0.5099, 0.2583

Inverse Universe

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



43.8526, 0.3608, 0.2972



47.7855, 0.3762, 0.2900



65.0720, 0.2646, 0.3182



14.4554, 0.3235, 0.3204



9.9148, 0.5499, 0.2803



0.7501, 0.5099, 0.2583

Previews

White Background



This preview shows how the Yxy color 43.8505, 0.3608, 0.2972 looks on a white background.

Color Contrast Check

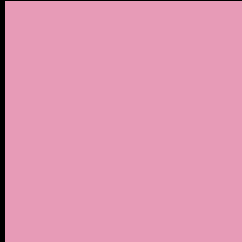
Large Text (above 18pt) WCAG AA × Fail

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 43.8505, 0.3608, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

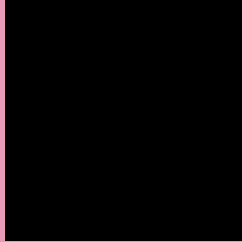
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8505, 0.3608, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 43.8505, 0.3608, 0.2972.



This preview shows how white text looks on a background with the Yxy color 43.8505, 0.3608, 0.2972.

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

43.8505, 0.3608, 0.2972

Protanopia

44.1502, 0.2961, 0.3028

Deuteranopia

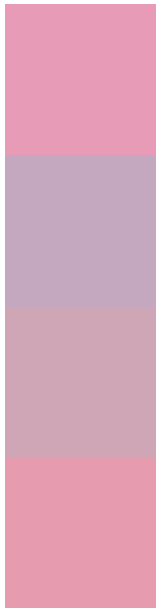
44.1378, 0.3249, 0.3188



Tritanopia

43.8015, 0.3733, 0.3153

Trichromacy



Original Color

43.8505, 0.3608, 0.2972

Protanomaly

43.3690, 0.3177, 0.3001

Deuteranomaly

43.8740, 0.3378, 0.3106

Tritanomaly

43.6559, 0.3685, 0.3084

Monochromacy



Original Color

43.8505, 0.3608, 0.2972

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0246, 0.3286, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8505, 0.3608, 0.2972 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(231, 155, 183)` looks like.

```
.text, #text, p{  
    color:rgb(231, 155, 183)  
}
```

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(231, 155, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 155, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.8505, 0.3608, 0.2972 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(231, 155, 183) }
```

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

```
.border{ border-color:rgb(231, 155, 183) }
```

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

Here you see how a box with a 4 pixel rgb(231, 155, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 155, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 155, 183);  
box-shadow:4px 4px 4px 4px rgb(231, 155,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8505, 0.3608, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 155, 183) }
```

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

```
.background{ background-color: rgb(231,  
155, 183) }
```

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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