

Converting Colors

$Y_{xy}(43.2473, 0.3583, 0.2942)$

Have a look what the booklet for
Yxy(43.2473, 0.3583, 0.2942)
contains.

Yxy(43.2299, 0.3581, 0.2947)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.2299, 0.3581, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	E59AB8
RGB	229, 154, 184
RGB Percent	90%, 60%, 72%
CMY	0.1018, 0.3961, 0.2784
CMYK	0.00, 0.33, 0.20, 0.10
HSL	336°, 59%, 75%
HSV	336°, 33%, 90%
XYZ	52.5301, 43.2299, 50.9312
YIQ	179.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

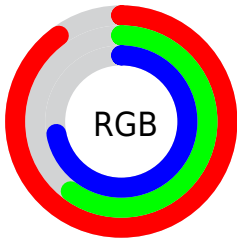
Format	Color
R _Y B	229, 154, 184
Decimal	15047352
CIE Lab	71.71, 32.26, -4.03
CIE LCh	72, 32.511, 352.885
Yxy	43.2299, 0.3581, 0.2947
Android (android.graphics.Color)	4293237432 (0xFFE59AB8)
YUV	179.8450, 2.0484, 43.1089
Hunter-Lab	65.7494, 27.5500, 0.0971

Details

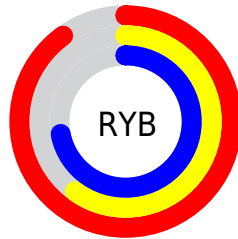
The Yxy color $43.2299, 0.3581, 0.2947$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $67.0511, 0.2824, 0.3665$, and the grayscale version is $45.5307, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.1522, 0.3252, 0.2982$, and $19.9121, 0.3709, 0.2856$ is the 20% darker color. If you saturate the color by 10%, you get $35.8315, 0.3784, 0.2841$, and if you desaturate by 10%, it is $52.1306, 0.3411, 0.3056$.

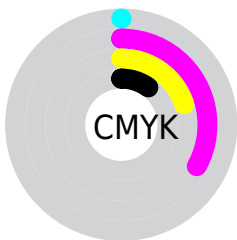
Distribution



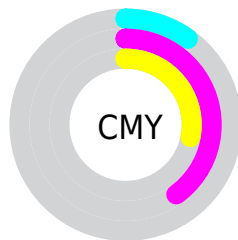
- Red (90%)
- Green (60%)
- Blue (72%)



- Red (90%)
- Yellow (60%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (20%)
- Black (10%)




- Cyan (10%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2299, 0.3581, 0.2947 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 43.2299, 0.3581, 0.2947 by changing the saturation by 10% instead.


 43.2299, 0.3581,
0.2947


 43.2299, 0.3581,
0.2947


359.5564, 0.3353,
0.3117

 30.0655, 0.3638,
0.2905


 80.0577, 0.3498,
0.3009

 19.8883, 0.3712,
0.2851

 104.4899, 0.3467,
0.3032

 12.3139, 0.3810,
0.2780


133.4468, 0.3441,
0.3051

 6.9578, 0.3947,
0.2682

167.3129, 0.3418,
0.3068

 3.4357, 0.4153,
0.2538

206.4725, 0.3399,
0.3083

 1.3632, 0.4492,
0.2307

251.3100, 0.3382,

 0.1894, 0.5899,

0.3096

0.1147

302.2098, 0.3366,
0.3107

0.0000, 0.0000,
0.0000

43.2299, 0.3581,
0.2947

43.2299, 0.3581,
0.2947

35.8315, 0.3784,
0.2841

52.1306, 0.3411,
0.3056

29.8454, 0.4023,
0.2745

62.6048, 0.3271,
0.3162

25.1814, 0.4297,
0.2669

74.7265, 0.3155,
0.3263

21.7363, 0.4596,
0.2627

88.5631, 0.3061,
0.3357

19.3911, 0.4907,
0.2630

95.2575, 0.2982,
0.3312

■ 18.0025, 0.5209,
0.2687

■ 95.4040, 0.2970,
0.3290

■ 17.4305, 0.5411,
0.2755

Harmonies

Analogous

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



43.2299, 0.3109, 0.2681



43.2299, 0.3581, 0.2947



43.2299, 0.3940, 0.3297

Triad

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



43.2299, 0.3581, 0.2947



43.2299, 0.3547, 0.4133



43.2299, 0.2275, 0.2809

Complementary

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



43.2299, 0.3581, 0.2947



67.0511, 0.2824, 0.3665

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.



43.2299, 0.2373, 0.3198



43.2299, 0.3581, 0.2947



43.2299, 0.3090, 0.4023

Square

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



43.2299, 0.3581, 0.2947



43.2299, 0.3907, 0.3982



43.2299, 0.2663, 0.3661



43.2299, 0.2381, 0.2587

Rectangle

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



43.2299, 0.3581, 0.2947



43.2299, 0.4050, 0.3547



43.2299, 0.2663, 0.3661



43.2299, 0.2285, 0.2922

Sweetspot

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



43.2319, 0.3581, 0.2947



83.8494, 0.3237, 0.3190



40.7396, 0.2893, 0.2409



17.4987, 0.3254, 0.3176



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.



43.2319, 0.3581, 0.2947



48.8419, 0.3708, 0.2878



44.2216, 0.3863, 0.3365



14.4631, 0.3230, 0.3196



9.9846, 0.5372, 0.2733



0.7558, 0.4986, 0.2520

Inverse Universe

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



43.2319, 0.3581, 0.2947



48.8419, 0.3708, 0.2878



65.1868, 0.2652, 0.3213



14.4631, 0.3230, 0.3196



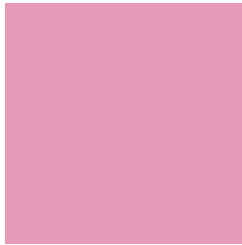
9.9846, 0.5372, 0.2733



0.7558, 0.4986, 0.2520

Previews

White Background



This preview shows how the Yxy color 43.2299, 0.3581, 0.2947 looks on a white background.

Color Contrast Check

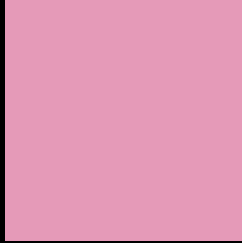
Large Text (above 18pt) WCAG AA × Fail

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 43.2299, 0.3581, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

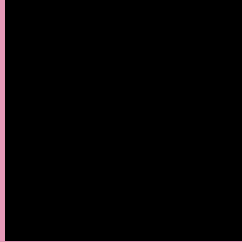
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2299, 0.3581, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 43.2299, 0.3581, 0.2947.



This preview shows how white text looks on a background with the Yxy color 43.2299, 0.3581, 0.2947.

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

43.2299, 0.3581, 0.2947

Protanopia

43.5754, 0.2937, 0.3001

Deuteranopia

43.5384, 0.3223, 0.3162



Tritanopia

43.3094, 0.3704, 0.3152

Trichromacy



Original Color

43.2299, 0.3581, 0.2947

Protanomaly

42.7807, 0.3151, 0.2974

Deuteranomaly

43.2668, 0.3351, 0.3080

Tritanomaly

43.3269, 0.3666, 0.3083

Monochromacy



Original Color

43.2299, 0.3581, 0.2947

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4678, 0.3287, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2299, 0.3581, 0.2947 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(229, 154, 184)` looks like.

```
.text, #text, p{  
    color:rgb(229, 154, 184)  
}
```

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(229, 154, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 154, 184) }
```

Border

The CSS property to change the border of an element to Yxy 43.2299, 0.3581, 0.2947 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(229, 154, 184) }
```

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

```
.border{ border-color:rgb(229, 154, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 154, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 154, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 154, 184);  
box-shadow:4px 4px 4px 4px rgb(229, 154,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2299, 0.3581, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 154, 184) }
```

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

```
.background{ background-color: rgb(229,  
154, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor