

Converting Colors

$Y_{xy}(43.1973, 0.3540, 0.2881)$

Have a look what the booklet for
Yxy(43.1973, 0.3540, 0.2881)
contains.

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Color

Yxy(43.2796, 0.3543, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	E699BD
RGB	230, 153, 189
RGB Percent	90%, 60%, 74%
CMY	0.0981, 0.3999, 0.2589
CMYK	0.00, 0.33, 0.18, 0.10
HSL	332°, 61%, 75%
HSV	332°, 33%, 90%
XYZ	53.2060, 43.2796, 53.6865
YIQ	180.1270, 34.3360, 27.5200

Conversions

Conversions Part 2

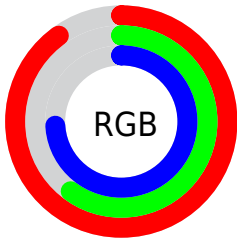
Format	Color
R _Y B	230, 153, 189
Decimal	15112637
CIE Lab	71.74, 33.87, -6.72
CIE LCh	72, 34.528, 348.778
Yxy	43.2796, 0.3543, 0.2882
Android (android.graphics.Color)	4293302717 (0xFFE699BD)
YUV	180.1270, 4.3744, 43.7386
Hunter-Lab	65.7872, 29.2357, -2.3333

Details

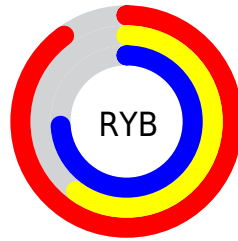
The Yxy color **43.2796, 0.3543, 0.2882** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.2571, 0.2847, 0.3741**, and the grayscale version is **45.6768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9643, 0.3218, 0.2925**, and **19.9692, 0.3654, 0.2771** is the 20% darker color. If you saturate the color by 10%, you get **35.9542, 0.3723, 0.2759**, and if you desaturate by 10%, it is **52.1049, 0.3391, 0.3008**.

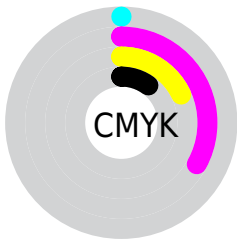
Distribution



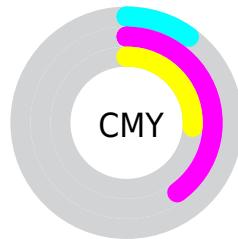
- Red (90%)
- Green (60%)
- Blue (74%)



- Red (90%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (33%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2796, 0.3543, 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 43.2796, 0.3543, 0.2882 by changing the saturation by 10% instead.


 43.2796, 0.3543,
0.2882

 43.2796, 0.3543,
0.2882

359.7604, 0.3336,
0.3082

 30.1046, 0.3595,
0.2833

 80.1326, 0.3468,
0.2954

 19.9180, 0.3661,
0.2771


 104.5794, 0.3440,
0.2981

 12.3354, 0.3748,
0.2690


133.5522, 0.3416,
0.3004

 6.9725, 0.3870,
0.2578

167.4354, 0.3395,
0.3024

 3.4449, 0.4050,
0.2416

206.6134, 0.3377,
0.3042

 1.3682, 0.4344,
0.2163

251.4707, 0.3362,

 0.1931, 0.5392,

0.3057

0.1019

302.3915, 0.3348,
0.3070

0.0000, 0.0000,
0.0000

43.2796, 0.3543,
0.2882

43.2796, 0.3543,
0.2882

35.9542, 0.3723,
0.2759

52.1049, 0.3391,
0.3008

30.0378, 0.3934,
0.2647

62.5021, 0.3264,
0.3132

25.4392, 0.4171,
0.2558

74.5458, 0.3159,
0.3251

22.0537, 0.4431,
0.2503

88.3039, 0.3073,
0.3362

19.7603, 0.4700,
0.2497

95.2585, 0.3002,
0.3337

■ 18.4125, 0.4964,
0.2544

■ 95.5613, 0.2976,
0.3290

■ 17.8931, 0.5129,
0.2599

Harmonies

Analogous

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



43.2796, 0.3039, 0.2619



43.2796, 0.3543, 0.2882



43.2796, 0.3951, 0.3242

Triad

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



43.2796, 0.3543, 0.2882



43.2796, 0.3631, 0.4178



43.2796, 0.2229, 0.2825

Complementary

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



43.2796, 0.3543, 0.2882



67.2571, 0.2847, 0.3741

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.



43.2796, 0.2359, 0.3256



43.2796, 0.3543, 0.2882



43.2796, 0.3153, 0.4106

Square

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



43.2796, 0.3543, 0.2882



43.2796, 0.3990, 0.3982



43.2796, 0.2689, 0.3749



43.2796, 0.2311, 0.2566

Rectangle

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



43.2796, 0.3543, 0.2882



43.2796, 0.4094, 0.3504



43.2796, 0.2689, 0.3749



43.2796, 0.2248, 0.2952

Sweetspot

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



43.2816, 0.3543, 0.2882



83.9516, 0.3226, 0.3173



39.8084, 0.2843, 0.2377



17.5234, 0.3241, 0.3157



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.



43.2816, 0.3543, 0.2882



48.2440, 0.3662, 0.2798



42.3306, 0.3905, 0.3307



14.4795, 0.3219, 0.3181



10.1553, 0.5092, 0.2579



0.7691, 0.4746, 0.2388

Inverse Universe

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



43.2816, 0.3543, 0.2882



48.2440, 0.3662, 0.2798



68.3626, 0.2651, 0.3273



14.4795, 0.3219, 0.3181



10.1553, 0.5092, 0.2579



0.7691, 0.4746, 0.2388

Previews

White Background



This preview shows how the Yxy color 43.2796, 0.3543, 0.2882 looks on a white background.

Color Contrast Check

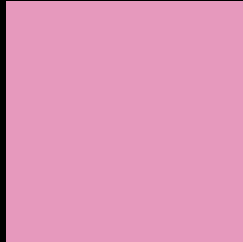
Large Text (above 18pt) WCAG AA × Fail

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 43.2796, 0.3543, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

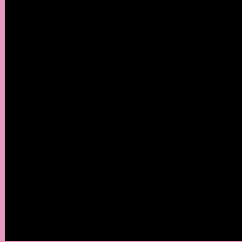
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2796, 0.3543, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 43.2796, 0.3543, 0.2882.



This preview shows how white text looks on a background with the Yxy color 43.2796, 0.3543, 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

43.2796, 0.3543, 0.2882

Protanopia

43.6297, 0.2876, 0.2924

Deuteranopia

43.4898, 0.3163, 0.3097



Tritanopia

43.4725, 0.3713, 0.3152

Trichromacy



Original Color

43.2796, 0.3543, 0.2882



Protanomaly

42.9211, 0.3092, 0.2901



Deuteranomaly

42.9761, 0.3298, 0.3006



Tritanomaly

43.5695, 0.3656, 0.3061

Monochromacy



Original Color

43.2796, 0.3543, 0.2882



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.1741, 0.3271, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2796, 0.3543, 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(230, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(230, 153, 189)  
}
```

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(230, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 153, 189) }
```

Border

The CSS property to change the border of an element to Yxy 43.2796, 0.3543, 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(230, 153, 189) }
```

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

```
.border{ border-color:rgb(230, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(230, 153,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2796, 0.3543, 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(230, 153, 189) }
```

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

```
.background{ background-color: rgb(230,  
153, 189) }
```

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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