

Converting Colors

$Y_{xy}(43.5876, 0.3234, 0.2585)$

Have a look what the booklet for
Yxy(43.5876, 0.3234, 0.2585)
contains.

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Color

Yxy(43.5876, 0.3234, 0.2585)

Conversions

Conversions Part 1

Format	Color
Hex	E099D8
RGB	224, 153, 216
RGB Percent	88%, 60%, 85%
CMY	0.1215, 0.4000, 0.1530
CMYK	0.00, 0.32, 0.04, 0.12
HSL	307°, 53%, 74%
HSV	307°, 32%, 88%
XYZ	54.5309, 43.5876, 70.4989
YIQ	181.4110, 22.0930, 34.6450

Conversions

Conversions Part 2

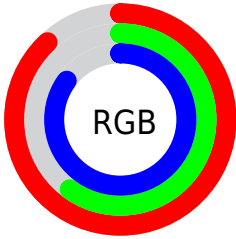
Format	Color
R _Y B	224, 153, 216
Decimal	14719448
CIE Lab	71.95, 36.37, -21.38
CIE LCh	72, 42.185, 329.545
Yxy	43.5876, 0.3234, 0.2585
Android (android.graphics.Color)	4292909528 (0xFFE099D8)
YUV	181.4110, 17.0524, 37.3506
Hunter-Lab	66.0209, 31.8979, -17.0969

Details

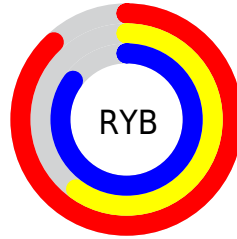
The Yxy color **43.5876, 0.3234, 0.2585** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.6707, 0.3036, 0.4115**, and the grayscale version is **46.3407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **20.2054, 0.3257, 0.2416** is the 20% darker color. If you saturate the color by 10%, you get **36.8020, 0.3275, 0.2369**, and if you desaturate by 10%, it is **51.7557, 0.3196, 0.2810**.

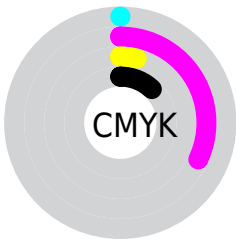
Distribution



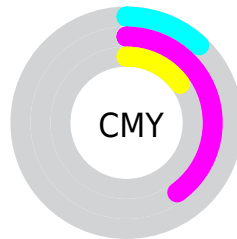
- Red (88%)
- Green (60%)
- Blue (85%)



- Red (88%)
- Yellow (60%)
- Blue (85%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (12%)




- Cyan (12%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5876, 0.3234, 0.2585 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 43.5876, 0.3234, 0.2585 by changing the saturation by 10% instead.


 43.5876, 0.3234,
0.2585


 43.5876, 0.3234,
0.2585


361.0227, 0.3189,
0.2920

 30.3464, 0.3243,
0.2507


 80.5968, 0.3219,
0.2703

 20.1017, 0.3253,
0.2409


 105.1337, 0.3213,
0.2748

 12.4690, 0.3265,
0.2285


134.2045, 0.3208,
0.2787

 7.0639, 0.3277,
0.2120

168.1938, 0.3203,
0.2821

 3.5021, 0.3288,
0.1894

207.4858, 0.3199,
0.2850

 1.3991, 0.3290,
0.1569

252.4651, 0.3195,

 0.2161, 0.3405,

0.2876

0.0658

303.5159, 0.3192,
0.2899

0.0000, 0.0723,
0.0000

0.0000, 0.0000,
0.0000

43.5876, 0.3234,
0.2585

43.5876, 0.3234,
0.2585

36.8020, 0.3275,
0.2369

51.7557, 0.3196,
0.2810

31.3159, 0.3318,
0.2170

61.3716, 0.3162,
0.3034

27.0463, 0.3363,
0.1999

72.5037, 0.3132,
0.3254

23.8984, 0.3407,
0.1864

85.2141, 0.3105,
0.3463

■ 21.7632, 0.3450,
0.1772

■ 93.0094, 0.3086,
0.3561

■ 20.5101, 0.3490,
0.1725

■ 93.1517, 0.3072,
0.3534

■ 19.9604, 0.3521,
0.1713

■ 93.2961, 0.3057,
0.3508

■ 93.4425, 0.3043,
0.3481

■ 93.5911, 0.3029,
0.3455

Harmonies

Analogous

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



43.5876, 0.2655, 0.2380



43.5876, 0.3234, 0.2585



43.5876, 0.3836, 0.2941

Triad

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



43.5876, 0.3234, 0.2585



43.5876, 0.4034, 0.4233



43.5876, 0.2121, 0.3029

Complementary

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



43.5876, 0.3234, 0.2585



62.6707, 0.3036, 0.4115

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.



43.5876, 0.2427, 0.3638



43.5876, 0.3234, 0.2585



43.5876, 0.3525, 0.4392

Square

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



43.5876, 0.3234, 0.2585



43.5876, 0.4312, 0.3848



43.5876, 0.2936, 0.4180



43.5876, 0.2062, 0.2582

Rectangle

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



43.5876, 0.3234, 0.2585



43.5876, 0.4143, 0.3232



43.5876, 0.2936, 0.4180



43.5876, 0.2196, 0.3222

Sweetspot

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



43.5895, 0.3234, 0.2585



84.6114, 0.3157, 0.3071



35.6477, 0.2618, 0.2371



17.6835, 0.3161, 0.3039



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.



43.5895, 0.3234, 0.2585



52.2820, 0.3261, 0.2442



41.9850, 0.3561, 0.2959



13.9075, 0.3155, 0.3085



11.6263, 0.3515, 0.1710



0.8136, 0.3462, 0.1681

Inverse Universe

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



43.5895, 0.3234, 0.2585



52.2820, 0.3261, 0.2442



64.0644, 0.2833, 0.3650



13.9075, 0.3155, 0.3085



11.6263, 0.3515, 0.1710



0.8136, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 43.5876, 0.3234, 0.2585 looks on a white background.

Color Contrast Check

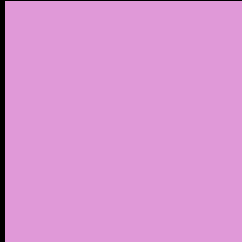
Large Text (above 18pt) WCAG AA × Fail

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 43.5876, 0.3234, 0.2585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

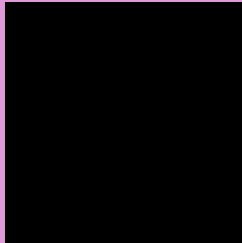
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5876, 0.3234, 0.2585

Background



This preview shows how black text looks on a background with the Yxy color 43.5876, 0.3234, 0.2585.



This preview shows how white text looks on a background with the Yxy color 43.5876, 0.3234, 0.2585.

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

43.5876, 0.3234, 0.2585

Protanopia

44.0065, 0.2612, 0.2585

Deuteranopia

43.8707, 0.2849, 0.2794



Tritanopia

43.6058, 0.3567, 0.3136

Trichromacy



Original Color

43.5876, 0.3234, 0.2585



Protanomaly

43.3188, 0.2809, 0.2572



Deuteranomaly

43.4140, 0.2980, 0.2716



Tritanomaly

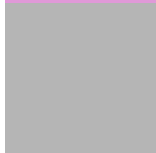
43.5000, 0.3448, 0.2928

Monochromacy



Original Color

43.5876, 0.3234, 0.2585



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.8912, 0.3167, 0.3004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5876, 0.3234, 0.2585 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(224, 153, 216)` looks like.

```
.text, #text, p{  
    color:rgb(224, 153, 216)  
}
```

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(224, 153, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 153, 216) }
```

Border

The CSS property to change the border of an element to Yxy 43.5876, 0.3234, 0.2585 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(224, 153, 216) }
```

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

```
.border{ border-color:rgb(224, 153, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 153, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 153, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 153, 216);  
box-shadow:4px 4px 4px 4px rgb(224, 153,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5876, 0.3234, 0.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 153, 216) }
```

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

```
.background{ background-color: rgb(224,  
153, 216) }
```

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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