

Converting Colors

$Y_{xy}(43.0892, 0.3239, 0.2678)$

Have a look what the booklet for
Yxy(43.0892, 0.3239, 0.2678)
contains.

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Color

Yxy(43.2858, 0.3239, 0.2680)

Conversions

Conversions Part 1

Format	Color
Hex	DA9CD1
RGB	218, 156, 209
RGB Percent	85%, 61%, 82%
CMY	0.1450, 0.3882, 0.1804
CMYK	0.00, 0.28, 0.04, 0.15
HSL	309°, 46%, 73%
HSV	309°, 28%, 85%
XYZ	52.3144, 43.2858, 65.9139
YIQ	180.5800, 19.9390, 29.6270

Conversions

Conversions Part 2

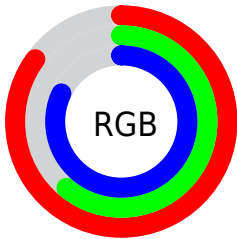
Format	Color
R _Y B	218, 156, 209
Decimal	14326993
CIE Lab	71.75, 31.54, -17.90
CIE LCh	72, 36.260, 330.424
Yxy	43.2858, 0.3239, 0.2680
Android (android.graphics.Color)	4292517073 (0xFFDA9CD1)
YUV	180.5800, 14.0111, 32.8173
Hunter-Lab	65.7919, 26.7983, -13.3456

Details

The Yxy color **43.2858, 0.3239, 0.2680** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.9397, 0.3033, 0.3988**, and the grayscale version is **45.8864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **19.9151, 0.3265, 0.2532** is the 20% darker color. If you saturate the color by 10%, you get **36.4602, 0.3287, 0.2467**, and if you desaturate by 10%, it is **51.4315, 0.3195, 0.2898**.

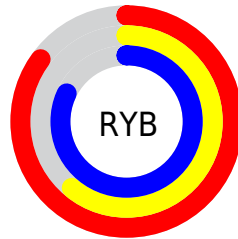
Distribution



Red (85%)

Green (61%)

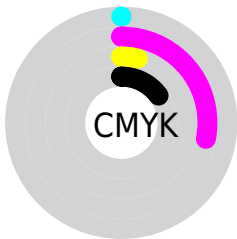
Blue (82%)



Red (85%)

Yellow (61%)

Blue (82%)

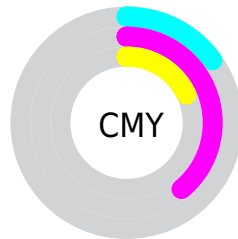


Cyan (0%)

Magenta (28%)

Yellow (4%)

Black (15%)



Cyan (15%)


Magenta (39%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2858, 0.3239, 0.2680 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 43.2858, 0.3239, 0.2680 by changing the saturation by 10% instead.


 43.2858, 0.3239,
0.2680


 43.2858, 0.3239,
0.2680


359.7858, 0.3189,
0.2973

 30.1094, 0.3250,
0.2611


 80.1420, 0.3222,
0.2784

 19.9217, 0.3262,
0.2523


 104.5905, 0.3216,
0.2823

 12.3381, 0.3278,
0.2411


133.5653, 0.3210,
0.2857

 6.9744, 0.3296,
0.2261

167.4507, 0.3205,
0.2887

 3.4461, 0.3318,
0.2052

206.6310, 0.3200,
0.2912

 1.3688, 0.3340,
0.1741

251.4907, 0.3196,

 0.1936, 0.3545,

0.2935

0.0716

302.4142, 0.3192,
0.2955

0.0000, 0.0000,
0.0000

43.2858, 0.3239,
0.2680

43.2858, 0.3239,
0.2680

36.4602, 0.3287,
0.2467

51.4315, 0.3195,
0.2898

30.8788, 0.3340,
0.2267

60.9567, 0.3156,
0.3114

26.4665, 0.3395,
0.2090

71.9239, 0.3122,
0.3322

23.1381, 0.3452,
0.1946

84.3904, 0.3093,
0.3519

20.7965, 0.3508,
0.1843

91.8577, 0.3070,
0.3604

■ 19.3275, 0.3561,
0.1785

■ 92.0324, 0.3053,
0.3570

■ 18.5605, 0.3612,
0.1769

■ 92.2104, 0.3035,
0.3537

■ 18.4661, 0.3620,
0.1768

■ 92.3916, 0.3018,
0.3503

■ 92.5761, 0.3000,
0.3470

Harmonies

Analogous

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



43.2858, 0.2733, 0.2495



43.2858, 0.3239, 0.2680



43.2858, 0.3752, 0.2999

Triad

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



43.2858, 0.3239, 0.2680



43.2858, 0.3908, 0.4120



43.2858, 0.2244, 0.3059

Complementary

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



43.2858, 0.3239, 0.2680



59.9397, 0.3033, 0.3988

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.



43.2858, 0.2511, 0.3575



43.2858, 0.3239, 0.2680



43.2858, 0.3465, 0.4233

Square

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



43.2858, 0.3239, 0.2680



43.2858, 0.4149, 0.3800



43.2858, 0.2954, 0.4035



43.2858, 0.2195, 0.2671

Rectangle

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



43.2858, 0.3239, 0.2680



43.2858, 0.4010, 0.3259



43.2858, 0.2954, 0.4035



43.2858, 0.2310, 0.3224

Sweetspot

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



43.2877, 0.3239, 0.2680



86.0080, 0.3159, 0.3100



36.7598, 0.2697, 0.2484



17.9594, 0.3164, 0.3069



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.



43.2877, 0.3239, 0.2680



55.8097, 0.3267, 0.2554



41.9288, 0.3523, 0.3019



13.2406, 0.3160, 0.3093



11.0730, 0.3613, 0.1764



0.7265, 0.3537, 0.1722

Inverse Universe

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



43.2877, 0.3239, 0.2680



55.8097, 0.3267, 0.2554



61.1749, 0.2848, 0.3580



13.2406, 0.3160, 0.3093



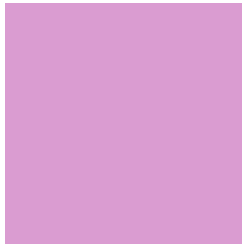
11.0730, 0.3613, 0.1764



0.7265, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 43.2858, 0.3239, 0.2680 looks on a white background.

Color Contrast Check

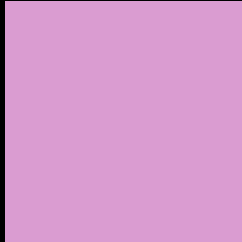
Large Text (above 18pt) WCAG AA × Fail

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 43.2858, 0.3239, 0.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

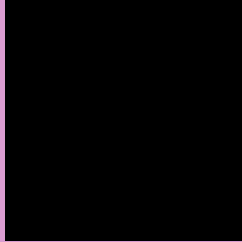
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2858, 0.3239, 0.2680

Background



This preview shows how black text looks on a background with the Yxy color 43.2858, 0.3239, 0.2680.



This preview shows how white text looks on a background with the Yxy color 43.2858, 0.3239, 0.2680.

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

43.2858, 0.3239, 0.2680

Protanopia

43.5454, 0.2696, 0.2678

Deuteranopia

43.5450, 0.2917, 0.2856



Tritanopia

43.2319, 0.3507, 0.3133

Trichromacy



Original Color

43.2858, 0.3239, 0.2680

Protanomaly

42.8375, 0.2874, 0.2670

Deuteranomaly

43.1149, 0.3027, 0.2784

Tritanomaly

43.1765, 0.3407, 0.2968

Monochromacy



Original Color

43.2858, 0.3239, 0.2680

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.7360, 0.3165, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2858, 0.3239, 0.2680 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(218, 156, 209)` looks like.

```
.text, #text, p{  
    color:rgb(218, 156, 209)  
}
```

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(218, 156, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 156, 209) }
```

Border

The CSS property to change the border of an element to Yxy 43.2858, 0.3239, 0.2680 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(218, 156, 209) }
```

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

```
.border{ border-color:rgb(218, 156, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 156, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 156, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 156, 209);  
box-shadow:4px 4px 4px 4px rgb(218, 156,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2858, 0.3239, 0.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 156, 209) }
```

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

```
.background{ background-color: rgb(218,  
156, 209) }
```

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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