

Converting Colors

$Y_{xy}(43.0035, 0.3387, 0.2805)$

Have a look what the booklet for
Yxy(43.0035, 0.3387, 0.2805)
contains.

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Color

Yxy(43.0035, 0.3387, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	DE9BC5
RGB	222, 155, 197
RGB Percent	87%, 61%, 77%
CMY	0.1293, 0.3922, 0.2275
CMYK	0.00, 0.30, 0.11, 0.13
HSL	322°, 50%, 74%
HSV	322°, 30%, 87%
XYZ	51.9262, 43.0035, 58.3805
YIQ	179.8210, 26.4500, 27.2660

Conversions

Conversions Part 2

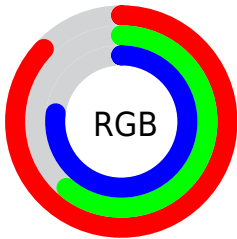
Format	Color
R _{YB}	222, 155, 197
Decimal	14588869
CIE _{Lab}	71.56, 31.34, -11.52
CIE _{LCh}	72, 33.392, 339.821
Y _{xy}	43.0035, 0.3387, 0.2805
Android (android.graphics.Color)	4292778949 (0xFFDE9BC5)
YUV	179.8210, 8.4692, 36.9910
Hunter-Lab	65.5771, 26.5826, -6.8795

Details

The Yxy color $43.0035, 0.3387, 0.2805$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $62.5162, 0.2935, 0.3832$, and the grayscale version is $45.4852, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5089, 0.3155, 0.2860$, and $19.7907, 0.3461, 0.2682$ is the 20% darker color. If you saturate the color by 10%, you get $35.9130, 0.3504, 0.2642$, and if you desaturate by 10%, it is $51.4773, 0.3286, 0.2971$.

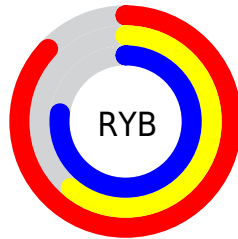
Distribution



Red (87%)

Green (61%)

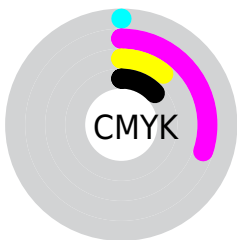
Blue (77%)



Red (87%)

Yellow (61%)

Blue (77%)

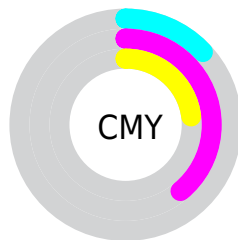


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0035, 0.3387, 0.2805 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 43.0035, 0.3387, 0.2805 by changing the saturation by 10% instead.


 43.0035, 0.3387,
0.2805


 43.0035, 0.3387,
0.2805


358.6262, 0.3260,
0.3041

 29.8879, 0.3418,
0.2748


 79.7161, 0.3342,
0.2889

 19.7535, 0.3457,
0.2676


 104.0819, 0.3324,
0.2921

 12.2160, 0.3508,
0.2583


132.9666, 0.3310,
0.2949

 6.8909, 0.3577,
0.2456

166.7544, 0.3297,
0.2972

 3.3940, 0.3677,
0.2275

205.8299, 0.3286,
0.2993

 1.3407, 0.3832,
0.1997

250.5775, 0.3276,


 0.1724, 0.4443,


0.3011


0.0822

301.3814, 0.3268,
0.3027


 0.0000, 0.0000,
0.0000


 43.0035, 0.3387,
0.2805


 43.0035, 0.3387,
0.2805


 35.9130, 0.3504,
0.2642


 51.4773, 0.3286,
0.2971


 30.1251, 0.3638,
0.2488


 61.3978, 0.3200,
0.3132


 25.5597, 0.3788,
0.2355


 72.8314, 0.3128,
0.3287


 22.1253, 0.3950,
0.2254


 85.8387, 0.3068,
0.3433

 19.7175, 0.4119,
0.2195

 93.2514, 0.3019,
0.3459

 18.2123, 0.4288,
0.2188

 93.7513, 0.2974,
0.3373

 17.3995, 0.4450,
0.2225

 94.2722, 0.2929,
0.3289

Harmonies

Analogous

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



43.0035, 0.2902, 0.2587



43.0035, 0.3387, 0.2805



43.0035, 0.3827, 0.3133

Triad

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



43.0035, 0.3387, 0.2805



43.0035, 0.3739, 0.4117



43.0035, 0.2270, 0.2950

Complementary

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



43.0035, 0.3387, 0.2805



62.5162, 0.2935, 0.3832

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.



43.0035, 0.2459, 0.3402



43.0035, 0.3387, 0.2805



43.0035, 0.3296, 0.4131

Square

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



43.0035, 0.3387, 0.2805



43.0035, 0.4029, 0.3873



43.0035, 0.2828, 0.3860



43.0035, 0.2289, 0.2643

Rectangle

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



43.0035, 0.3387, 0.2805



43.0035, 0.4017, 0.3385



43.0035, 0.2828, 0.3860



43.0035, 0.2311, 0.3089

Sweetspot

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



43.0055, 0.3387, 0.2805



85.6816, 0.3192, 0.3150



38.3693, 0.2793, 0.2456



17.8787, 0.3203, 0.3127



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.



43.0055, 0.3387, 0.2805



52.7309, 0.3457, 0.2705



41.6527, 0.3712, 0.3185



13.8443, 0.3195, 0.3144



10.3554, 0.4427, 0.2212



0.7349, 0.4190, 0.2082

Inverse Universe

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



43.0055, 0.3387, 0.2805



52.7309, 0.3457, 0.2705



64.0281, 0.2743, 0.3400



13.8443, 0.3195, 0.3144



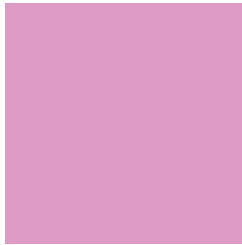
10.3554, 0.4427, 0.2212



0.7349, 0.4190, 0.2082

Previews

White Background



This preview shows how the Yxy color 43.0035, 0.3387, 0.2805 looks on a white background.

Color Contrast Check

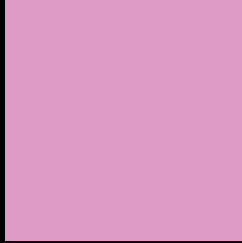
Large Text (above 18pt) WCAG AA × Fail

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 43.0035, 0.3387, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

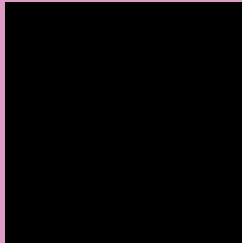
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0035, 0.3387, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 43.0035, 0.3387, 0.2805.



This preview shows how white text looks on a background with the Yxy color 43.0035, 0.3387, 0.2805.

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

43.0035, 0.3387, 0.2805

Protanopia

43.2501, 0.2801, 0.2823

Deuteranopia

43.2112, 0.3053, 0.2994



Tritanopia

43.1802, 0.3589, 0.3148

Trichromacy



Original Color

43.0035, 0.3387, 0.2805



Protanomaly

42.7366, 0.3000, 0.2813



Deuteranomaly

42.8562, 0.3172, 0.2917



Tritanomaly

43.0056, 0.3515, 0.3019

Monochromacy



Original Color

43.0035, 0.3387, 0.2805



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.2731, 0.3217, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0035, 0.3387, 0.2805 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(222, 155, 197)` looks like.

```
.text, #text, p{  
    color:rgb(222, 155, 197)  
}
```

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(222, 155, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 155, 197) }
```

Border

The CSS property to change the border of an element to Yxy 43.0035, 0.3387, 0.2805 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(222, 155, 197) }
```

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

```
.border{ border-color:rgb(222, 155, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 155, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 155, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 155, 197);  
box-shadow:4px 4px 4px 4px rgb(222, 155,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0035, 0.3387, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 155, 197) }
```

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

```
.background{ background-color: rgb(222,  
155, 197) }
```

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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