

Converting Colors

$Yxy(43.4539, 0.3373, 0.2858)$

Have a look what the booklet for
Yxy(43.4539, 0.3373, 0.2858)
contains.

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Color

Yxy(43.4539, 0.3373, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	DB9EC3
RGB	219, 158, 195
RGB Percent	86%, 62%, 76%
CMY	0.1413, 0.3803, 0.2354
CMYK	0.00, 0.28, 0.11, 0.14
HSL	324°, 46%, 74%
HSV	324°, 28%, 86%
XYZ	51.2841, 43.4539, 57.3050
YIQ	180.4570, 24.4790, 24.4390

Conversions

Conversions Part 2

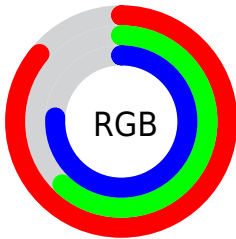
Format	Color
RYB	219, 158, 195
Decimal	14393027
CIELab	71.86, 28.34, -9.99
CIELCh	72, 30.047, 340.582
Yxy	43.4539, 0.3373, 0.2858
Android (android.graphics.Color)	4292583107 (0xFFDB9EC3)
YUV	180.4570, 7.1697, 33.8022
Hunter-Lab	65.9196, 23.5102, -5.3981

Details

The Yxy color $43.4539, 0.3373, 0.2858$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.3004, 0.2942, 0.3767$, and the grayscale version is $45.8515, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8768, 0.3167, 0.2909$, and $20.0177, 0.3442, 0.2749$ is the 20% darker color. If you saturate the color by 10%, you get $36.2595, 0.3492, 0.2698$, and if you desaturate by 10%, it is $52.0057, 0.3271, 0.3018$.

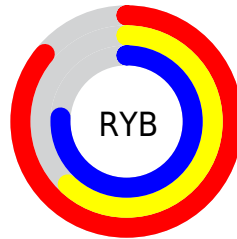
Distribution



Red (86%)

Green (62%)

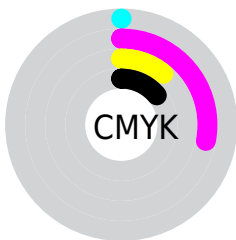
Blue (76%)



Red (86%)

Yellow (62%)

Blue (76%)

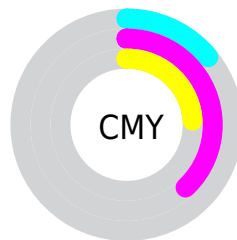


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (14%)



Cyan (14%)


Magenta (38%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4539, 0.3373, 0.2858 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 43.4539, 0.3373, 0.2858 by changing the saturation by 10% instead.


 43.4539, 0.3373,
0.2858


 43.4539, 0.3373,
0.2858


360.4751, 0.3252,
0.3069

 30.2414, 0.3402,
0.2807


 80.3954, 0.3330,
0.2933

 20.0219, 0.3440,
0.2742

 104.8931, 0.3313,
0.2962

 12.4110, 0.3489,
0.2658


133.9215, 0.3299,
0.2986

 7.0242, 0.3556,
0.2543

167.8647, 0.3287,
0.3008

 3.4772, 0.3654,
0.2378

207.1073, 0.3277,
0.3026

 1.3857, 0.3807,
0.2121

252.0337, 0.3268,

 0.2061, 0.4404,

0.3042

0.1022

303.0281, 0.3260,
0.3056

0.0000, 0.0000,
0.0000

43.4539, 0.3373,
0.2858

43.4539, 0.3373,
0.2858

36.2595, 0.3492,
0.2698

52.0057, 0.3271,
0.3018

30.3457, 0.3630,
0.2546

61.9748, 0.3185,
0.3173

25.6367, 0.3785,
0.2412

73.4248, 0.3113,
0.3321

22.0465, 0.3955,
0.2306

86.4133, 0.3053,
0.3459

19.4776, 0.4134,
0.2240

92.7543, 0.3003,
0.3464

■ 17.8152, 0.4316,
0.2224

■ 93.2734, 0.2956,
0.3374

■ 16.8990, 0.4493,
0.2259

■ 93.7967, 0.2911,
0.3289

■ 16.7444, 0.4532,
0.2270

Harmonies

Analogous

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



43.4539, 0.2937, 0.2657



43.4539, 0.3373, 0.2858



43.4539, 0.3762, 0.3160

Triad

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



43.4539, 0.3373, 0.2858



43.4539, 0.3671, 0.4036



43.4539, 0.2351, 0.2980

Complementary

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



43.4539, 0.3373, 0.2858



61.3004, 0.2942, 0.3767

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.



43.4539, 0.2519, 0.3382



43.4539, 0.3373, 0.2858



43.4539, 0.3272, 0.4036

Square

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



43.4539, 0.3373, 0.2858



43.4539, 0.3934, 0.3828



43.4539, 0.2851, 0.3788



43.4539, 0.2372, 0.2704

Rectangle

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



43.4539, 0.3373, 0.2858



43.4539, 0.3928, 0.3390



43.4539, 0.2851, 0.3788



43.4539, 0.2386, 0.3104

Sweetspot

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



43.4559, 0.3373, 0.2858



87.1615, 0.3187, 0.3170



39.4435, 0.2833, 0.2530



18.1722, 0.3199, 0.3147



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.



43.4559, 0.3373, 0.2858



55.5967, 0.3436, 0.2771



42.2377, 0.3662, 0.3206



13.1835, 0.3198, 0.3149



9.9530, 0.4507, 0.2256



0.6616, 0.4239, 0.2109

Inverse Universe

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



43.4559, 0.3373, 0.2858



55.5967, 0.3436, 0.2771



62.6693, 0.2764, 0.3377



13.1835, 0.3198, 0.3149



9.9530, 0.4507, 0.2256



0.6616, 0.4239, 0.2109

Previews

White Background



This preview shows how the Yxy color 43.4539, 0.3373, 0.2858 looks on a white background.

Color Contrast Check

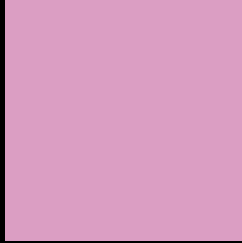
Large Text (above 18pt) WCAG AA × Fail

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 43.4539, 0.3373, 0.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

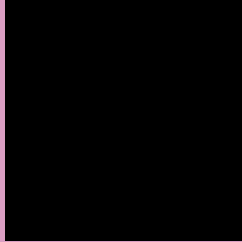
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4539, 0.3373, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 43.4539, 0.3373, 0.2858.



This preview shows how white text looks on a background with the Yxy color 43.4539, 0.3373, 0.2858.

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

43.4539, 0.3373, 0.2858

Protanopia

43.7741, 0.2854, 0.2887

Deuteranopia

43.7499, 0.3086, 0.3033



Tritanopia

43.4956, 0.3536, 0.3146

Trichromacy



Original Color

43.4539, 0.3373, 0.2858

Protanomaly

43.3316, 0.3024, 0.2874

Deuteranomaly

43.4935, 0.3188, 0.2967

Tritanomaly

43.6189, 0.3471, 0.3040

Monochromacy



Original Color

43.4539, 0.3373, 0.2858

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4772, 0.3215, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4539, 0.3373, 0.2858 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(219, 158, 195)` looks like.

```
.text, #text, p{  
    color:rgb(219, 158, 195)  
}
```

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(219, 158, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 158, 195) }
```

Border

The CSS property to change the border of an element to Yxy 43.4539, 0.3373, 0.2858 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(219, 158, 195) }
```

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

```
.border{ border-color:rgb(219, 158, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 158, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 158, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 158, 195);  
box-shadow:4px 4px 4px 4px rgb(219, 158,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4539, 0.3373, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 158, 195) }
```

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

```
.background{ background-color: rgb(219,  
158, 195) }
```

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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