

Converting Colors

$Y_{xy}(49.0574, 0.3296, 0.2960)$

Have a look what the booklet for
Yxy(49.0574, 0.3296, 0.2960)
contains.

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Color

Yxy(49.1643, 0.3301, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	DBADC9
RGB	219, 173, 201
RGB Percent	86%, 68%, 79%
CMY	0.1411, 0.3215, 0.2119
CMYK	0.00, 0.21, 0.08, 0.14
HSL	324°, 39%, 77%
HSV	324°, 21%, 86%
XYZ	54.6988, 49.1643, 61.8406
YIQ	189.9460, 18.4280, 18.4600

Conversions

Conversions Part 2

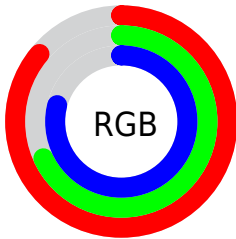
Format	Color
R _Y B	219, 173, 201
Decimal	14396873
CIE Lab	75.55, 21.27, -7.78
CIE LCh	76, 22.645, 339.912
Yxy	49.1643, 0.3301, 0.2967
Android (android.graphics.Color)	4292586953 (0xFFDBADC9)
YUV	189.9460, 5.4496, 25.4804
Hunter-Lab	70.1173, 16.5435, -3.2093

Details

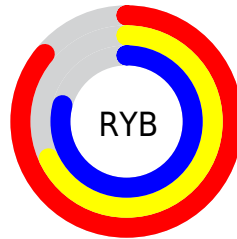
The Yxy color $49.1643, 0.3301, 0.2967$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $63.3193, 0.2986, 0.3637$, and the grayscale version is $51.4208, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5186, 0.3139, 0.3039$, and $23.4320, 0.3352, 0.2878$ is the 20% darker color. If you saturate the color by 10%, you get $41.0509, 0.3408, 0.2806$, and if you desaturate by 10%, it is $58.6815, 0.3210, 0.3125$.

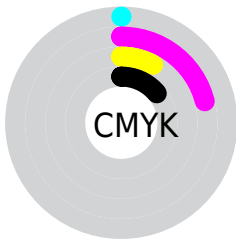
Distribution



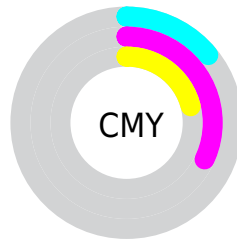
- Red (86%)
- Green (68%)
- Blue (79%)



- Red (86%)
- Yellow (68%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (14%)





- Cyan (14%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1643, 0.3301, 0.2967 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 49.1643, 0.3301, 0.2967 by changing the saturation by 10% instead.


 49.1643, 0.3301,
0.2967

 49.1643, 0.3301,
0.2967


383.3888, 0.3217,
0.3123

 34.7498, 0.3321,
0.2930


 88.9354, 0.3271,
0.3022

 23.4702, 0.3347,
0.2883


115.0609, 0.3260,
0.3044

 14.9411, 0.3380,
0.2822


145.8588, 0.3250,
0.3062

 8.7781, 0.3425,
0.2739

181.7135, 0.3241,
0.3077

 4.5967, 0.3489,
0.2622

223.0095, 0.3234,
0.3091

 2.0126, 0.3589,
0.2442

270.1311, 0.3228,

 0.6148, 0.3795,

0.3103

0.2062

323.4627, 0.3222,
0.3113

0.0000, 0.8685,
0.0000

0.0000, 0.0000,
0.0000

49.1643, 0.3301,
0.2967

49.1643, 0.3301,
0.2967

41.0509, 0.3408,
0.2806

58.6815, 0.3210,
0.3125

34.2673, 0.3533,
0.2648

69.6586, 0.3134,
0.3275

28.7427, 0.3676,
0.2500

82.1568, 0.3071,
0.3417

24.3971, 0.3835,
0.2373

92.5998, 0.3018,
0.3493

■ 21.1411, 0.4008,
0.2278

■ 93.1096, 0.2971,
0.3403

■ 18.8725, 0.4188,
0.2227

■ 93.6437, 0.2925,
0.3315

■ 17.4692, 0.4368,
0.2228

■ 93.8023, 0.2912,
0.3289

■ 16.7579, 0.4527,
0.2267

Harmonies

Analogous

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



49.1643, 0.2985, 0.2818



49.1643, 0.3301, 0.2967



49.1643, 0.3580, 0.3194

Triad

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



49.1643, 0.3301, 0.2967



49.1643, 0.3532, 0.3829



49.1643, 0.2556, 0.3078

Complementary

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



49.1643, 0.3301, 0.2967



63.3193, 0.2986, 0.3637

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.



49.1643, 0.2688, 0.3367



49.1643, 0.3301, 0.2967



49.1643, 0.3246, 0.3821

Square

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



49.1643, 0.3301, 0.2967



49.1643, 0.3714, 0.3686



49.1643, 0.2937, 0.3649



49.1643, 0.2568, 0.2868

Rectangle

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



49.1643, 0.3301, 0.2967



49.1643, 0.3701, 0.3366



49.1643, 0.2937, 0.3649



49.1643, 0.2585, 0.3169

Sweetspot

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



49.1665, 0.3301, 0.2967



90.2430, 0.3171, 0.3200



46.0342, 0.2916, 0.2732



19.0984, 0.3176, 0.3190



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.



49.1665, 0.3301, 0.2967



64.3432, 0.3344, 0.2900



48.1806, 0.3499, 0.3228



13.1838, 0.3197, 0.3149



9.9573, 0.4502, 0.2254



0.6618, 0.4235, 0.2107

Inverse Universe

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



49.1665, 0.3301, 0.2967



64.3432, 0.3344, 0.2900



64.3922, 0.2847, 0.3354



13.1838, 0.3197, 0.3149



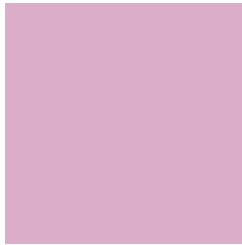
9.9573, 0.4502, 0.2254



0.6618, 0.4235, 0.2107

Previews

White Background



This preview shows how the Yxy color 49.1643, 0.3301, 0.2967 looks on a white background.

Color Contrast Check

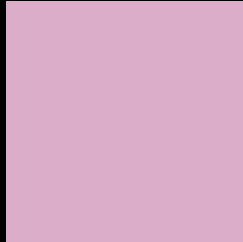
Large Text (above 18pt) WCAG AA × Fail

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 49.1643, 0.3301, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

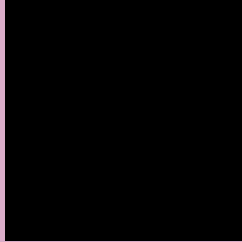
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1643, 0.3301, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 49.1643, 0.3301, 0.2967.



This preview shows how white text looks on a background with the Yxy color 49.1643, 0.3301, 0.2967.

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

49.1643, 0.3301, 0.2967

Protanopia

49.3687, 0.2932, 0.2991

Deuteranopia

49.3134, 0.3137, 0.3071



Tritanopia

49.0858, 0.3383, 0.3126

Trichromacy



Original Color

49.1643, 0.3301, 0.2967

Protanomaly

49.2397, 0.3058, 0.2986

Deuteranomaly

49.1327, 0.3191, 0.3027

Tritanomaly

49.0278, 0.3359, 0.3068

Monochromacy



Original Color

49.1643, 0.3301, 0.2967

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.5935, 0.3192, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1643, 0.3301, 0.2967 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, 173, 201)` looks like.

```
.text, #text, p{  
    color:rgb(219, 173, 201)  
}
```

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, 173, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 173, 201) }
```

Border

The CSS property to change the border of an element to Yxy 49.1643, 0.3301, 0.2967 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, 173, 201) }
```

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

```
.border{ border-color:rgb(219, 173, 201) }
```

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

Here you see how a box with a 4 pixel rgb(219, 173, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 173, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 173, 201);  
box-shadow:4px 4px 4px 4px rgb(219, 173,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1643, 0.3301, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 173, 201) }
```

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

```
.background{ background-color: rgb(219,  
173, 201) }
```

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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