

Converting Colors

$Y_{xy}(49.1304, 0.3251, 0.2934)$

Have a look what the booklet for
Yxy(49.1304, 0.3251, 0.2934)
contains.

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Color

Yxy(49.3835, 0.3257, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	D9AECC
RGB	217, 174, 204
RGB Percent	85%, 68%, 80%
CMY	0.1489, 0.3176, 0.2001
CMYK	0.00, 0.20, 0.06, 0.15
HSL	318°, 36%, 77%
HSV	318°, 20%, 85%
XYZ	54.6524, 49.3835, 63.7639
YIQ	190.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

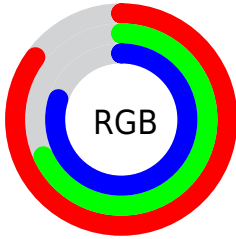
Format	Color
RYB	217, 174, 204
Decimal	14266060
CIELab	75.69, 20.56, -9.24
CIELCh	76, 22.546, 335.798
Yxy	49.3835, 0.3257, 0.2943
Android (android.graphics.Color)	4292456140 (0xFFD9AECC)
YUV	190.2770, 6.7654, 23.4361
Hunter-Lab	70.2734, 15.8430, -4.6066

Details

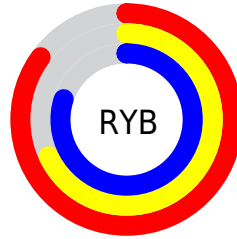
The Yxy color $49.3835, 0.3257, 0.2943$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $62.2244, 0.3018, 0.3664$, and the grayscale version is $51.6154, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0736, 0.3138, 0.3048$, and $23.5581, 0.3292, 0.2846$ is the 20% darker color. If you saturate the color by 10%, you get $41.3578, 0.3339, 0.2761$, and if you desaturate by 10%, it is $58.7815, 0.3186, 0.3122$.

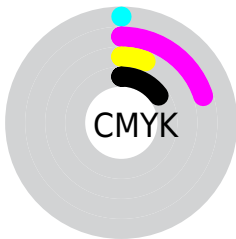
Distribution



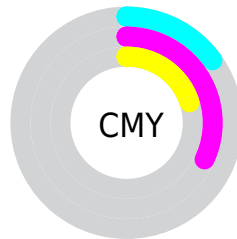
- Red (85%)
- Green (68%)
- Blue (80%)



- Red (85%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3835, 0.3257, 0.2943 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 49.3835, 0.3257, 0.2943 by changing the saturation by 10% instead.


 49.3835, 0.3257,
0.2943

 49.3835, 0.3257,
0.2943

384.2501, 0.3195,
0.3110

 34.9238, 0.3272,
0.2903


 89.2608, 0.3235,
0.3002

 23.6042, 0.3290,
0.2853


115.4471, 0.3227,
0.3025

 15.0403, 0.3314,
0.2788


146.3111, 0.3220,
0.3044

 8.8476, 0.3345,
0.2701

182.2372, 0.3213,
0.3061

 4.6419, 0.3390,
0.2577

223.6098, 0.3208,
0.3076

 2.0387, 0.3457,
0.2388

270.8132, 0.3203,

 0.6298, 0.3594,

0.3088

0.2007

324.2318, 0.3199,
0.3100

0.0000, 0.2767,
0.0000

0.0000, 0.0000,
0.0000

49.3835, 0.3257,
0.2943

49.3835, 0.3257,
0.2943

41.3578, 0.3339,
0.2761

58.7815, 0.3186,
0.3122

34.6329, 0.3434,
0.2582

69.6062, 0.3126,
0.3293

29.1404, 0.3541,
0.2413

81.9166, 0.3076,
0.3454

24.8032, 0.3658,
0.2266

92.0045, 0.3034,
0.3547

■ 21.5354, 0.3784,
0.2150

■ 92.3818, 0.2998,
0.3477

■ 19.2390, 0.3913,
0.2076

■ 92.7732, 0.2962,
0.3408

■ 17.7979, 0.4042,
0.2051

■ 93.1789, 0.2927,
0.3340

■ 17.0087, 0.4168,
0.2070

■ 93.4948, 0.2900,
0.3289

■ 16.9966, 0.4170,
0.2071

Harmonies

Analogous

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



49.3835, 0.2945, 0.2808



49.3835, 0.3257, 0.2943



49.3835, 0.3545, 0.3160

Triad

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



49.3835, 0.3257, 0.2943



49.3835, 0.3562, 0.3814



49.3835, 0.2569, 0.3116

Complementary

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



49.3835, 0.3257, 0.2943



62.2244, 0.3018, 0.3664

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.



49.3835, 0.2718, 0.3408



49.3835, 0.3257, 0.2943



49.3835, 0.3287, 0.3829

Square

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



49.3835, 0.3257, 0.2943



49.3835, 0.3724, 0.3656



49.3835, 0.2978, 0.3679



49.3835, 0.2561, 0.2893

Rectangle

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



49.3835, 0.3257, 0.2943



49.3835, 0.3678, 0.3330



49.3835, 0.2978, 0.3679



49.3835, 0.2604, 0.3209

Sweetspot

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



49.3857, 0.3257, 0.2943



90.3285, 0.3162, 0.3187



45.8361, 0.2901, 0.2762



19.1186, 0.3166, 0.3176



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.



49.3857, 0.3257, 0.2943



65.8367, 0.3292, 0.2863



48.4295, 0.3441, 0.3189



13.2041, 0.3184, 0.3128



10.3063, 0.4153, 0.2061



0.6827, 0.3962, 0.1956

Inverse Universe

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



49.3857, 0.3257, 0.2943



65.8367, 0.3292, 0.2863



63.2093, 0.2884, 0.3394



13.2041, 0.3184, 0.3128



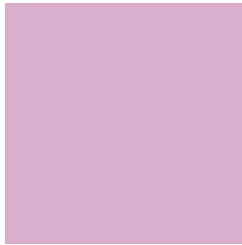
10.3063, 0.4153, 0.2061



0.6827, 0.3962, 0.1956

Previews

White Background



This preview shows how the Yxy color 49.3835, 0.3257, 0.2943 looks on a white background.

Color Contrast Check

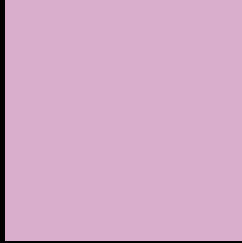
Large Text (above 18pt) WCAG AA × Fail

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 49.3835, 0.3257, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

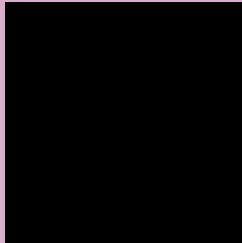
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3835, 0.3257, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 49.3835, 0.3257, 0.2943.



This preview shows how white text looks on a background with the Yxy color 49.3835, 0.3257, 0.2943.

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

49.3835, 0.3257, 0.2943

Protanopia

49.4684, 0.2917, 0.2967

Deuteranopia

49.3653, 0.3098, 0.3023



Tritanopia

49.2154, 0.3355, 0.3125

Trichromacy



Original Color

49.3835, 0.3257, 0.2943

Protanomaly

49.2039, 0.3035, 0.2962

Deuteranomaly

49.1317, 0.3158, 0.2991

Tritanomaly

49.1990, 0.3323, 0.3056

Monochromacy



Original Color

49.3835, 0.3257, 0.2943

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.5005, 0.3175, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3835, 0.3257, 0.2943 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(217, 174, 204)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 204)  
}
```

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(217, 174, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 204) }
```

Border

The CSS property to change the border of an element to Yxy 49.3835, 0.3257, 0.2943 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(217, 174, 204) }
```

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

```
.border{ border-color:rgb(217, 174, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 204);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3835, 0.3257, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 204) }
```

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

```
.background{ background-color: rgb(217,  
174, 204) }
```

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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