

Converting Colors

$Y_{xy}(49.2383, 0.3315, 0.2986)$

Have a look what the booklet for
Yxy(49.2383, 0.3315, 0.2986)
contains.

Yxy(49.1173, 0.3309, 0.2978)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.1173, 0.3309, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	DBADC8
RGB	219, 173, 200
RGB Percent	86%, 68%, 78%
CMY	0.1413, 0.3215, 0.2157
CMYK	0.00, 0.21, 0.09, 0.14
HSL	325°, 39%, 77%
HSV	325°, 21%, 86%
XYZ	54.5766, 49.1173, 61.2399
YIQ	189.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

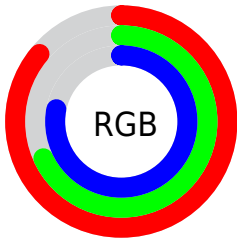
Format	Color
R _{YB}	219, 173, 200
Decimal	14396872
CIE Lab	75.52, 21.08, -7.29
CIE LCh	76, 22.308, 340.927
Yxy	49.1173, 0.3309, 0.2978
Android (android.graphics.Color)	4292586952 (0xFFDBADC8)
YUV	189.8320, 5.0128, 25.5803
Hunter-Lab	70.0837, 16.3575, -2.7496

Details

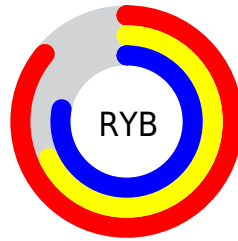
The Yxy color **49.1173, 0.3309, 0.2978** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.3451, 0.2980, 0.3624**, and the grayscale version is **51.3536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **23.4008, 0.3364, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **40.9869, 0.3422, 0.2822**, and if you desaturate by 10%, it is **58.6535, 0.3214, 0.3130**.

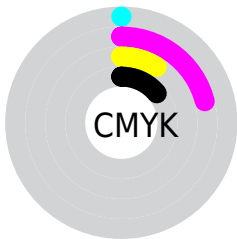
Distribution



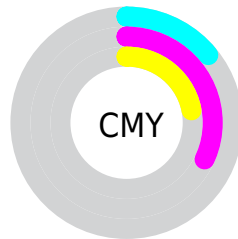
- Red (86%)
- Green (68%)
- Blue (78%)



- Red (86%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (14%)





- Cyan (14%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1173, 0.3309, 0.2978 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 49.1173, 0.3309, 0.2978 by changing the saturation by 10% instead.


 49.1173, 0.3309,
0.2978

 49.1173, 0.3309,
0.2978


383.2039, 0.3221,
0.3129

 34.7125, 0.3330,
0.2942


 88.8656, 0.3278,
0.3032

 23.4415, 0.3357,
0.2896

114.9780, 0.3266,
0.3052

 14.9199, 0.3392,
0.2837


145.7617, 0.3255,
0.3070

 8.7632, 0.3440,
0.2757

181.6011, 0.3247,
0.3085

 4.5870, 0.3508,
0.2643

222.8807, 0.3239,
0.3098

 2.0071, 0.3614,
0.2467

269.9847, 0.3232,

 0.6116, 0.3837,

0.3109

0.2091

323.2977, 0.3226,
0.3120

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.1173, 0.3309,
0.2978

49.1173, 0.3309,
0.2978

40.9869, 0.3422,
0.2822

58.6535, 0.3214,
0.3130

34.1882, 0.3553,
0.2669

69.6518, 0.3134,
0.3276

28.6506, 0.3704,
0.2525

82.1732, 0.3068,
0.3413

24.2938, 0.3874,
0.2403

92.6437, 0.3013,
0.3484

■ 21.0286, 0.4058,
0.2312

■ 93.1836, 0.2964,
0.3389

■ 18.7527, 0.4251,
0.2265

■ 93.7505, 0.2915,
0.3297

■ 17.3441, 0.4444,
0.2271

■ 93.7971, 0.2911,
0.3289

■ 16.6289, 0.4614,
0.2315

Harmonies

Analogous

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



49.1173, 0.2998, 0.2828



49.1173, 0.3309, 0.2978



49.1173, 0.3581, 0.3204

Triad

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



49.1173, 0.3309, 0.2978



49.1173, 0.3518, 0.3823



49.1173, 0.2562, 0.3073

Complementary

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



49.1173, 0.3309, 0.2978



63.3451, 0.2980, 0.3624

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.



49.1173, 0.2688, 0.3356



49.1173, 0.3309, 0.2978



49.1173, 0.3234, 0.3810

Square

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



49.1173, 0.3309, 0.2978



49.1173, 0.3702, 0.3687



49.1173, 0.2930, 0.3635



49.1173, 0.2579, 0.2870

Rectangle

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



49.1173, 0.3309, 0.2978



49.1173, 0.3696, 0.3374



49.1173, 0.2930, 0.3635



49.1173, 0.2589, 0.3162

Sweetspot

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



49.1195, 0.3309, 0.2978



90.2232, 0.3173, 0.3203



46.1347, 0.2922, 0.2734



19.0937, 0.3178, 0.3194



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.



49.1195, 0.3309, 0.2978



64.2689, 0.3354, 0.2912



48.1487, 0.3506, 0.3237



13.1791, 0.3201, 0.3154



9.8843, 0.4587, 0.2300



0.6574, 0.4302, 0.2143

Inverse Universe

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



49.1195, 0.3309, 0.2978



64.2689, 0.3354, 0.2912



64.4137, 0.2843, 0.3345



13.1791, 0.3201, 0.3154



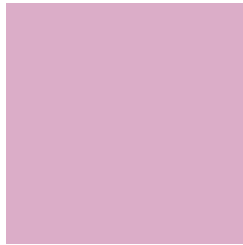
9.8843, 0.4587, 0.2300



0.6574, 0.4302, 0.2143

Previews

White Background



This preview shows how the Yxy color 49.1173, 0.3309, 0.2978 looks on a white background.

Color Contrast Check

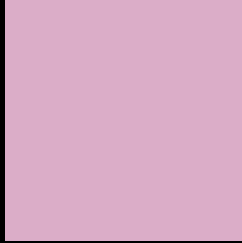
Large Text (above 18pt) WCAG AA × Fail

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 49.1173, 0.3309, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

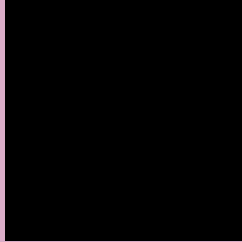
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1173, 0.3309, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 49.1173, 0.3309, 0.2978.



This preview shows how white text looks on a background with the Yxy color 49.1173, 0.3309, 0.2978.

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

49.1173, 0.3309, 0.2978

Protanopia

49.2702, 0.2946, 0.3015

Deuteranopia

49.2671, 0.3145, 0.3083



Tritanopia

49.0858, 0.3383, 0.3126

Trichromacy



Original Color

49.1173, 0.3309, 0.2978

Protanomaly

49.1431, 0.3073, 0.3009

Deuteranomaly

49.0861, 0.3199, 0.3038

Tritanomaly

49.0278, 0.3359, 0.3068

Monochromacy



Original Color

49.1173, 0.3309, 0.2978

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 49.1173, 0.3309, 0.2978 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 173, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 173, 200) }
```

Border

The CSS property to change the border of an element to Yxy 49.1173, 0.3309, 0.2978 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, 200) }
```

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

```
.border{ border-color:rgb(219, 173, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 173, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 173, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 173,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1173, 0.3309, 0.2978 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, 200) }
```

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

```
.background{ background-color: rgb(219,  
173, 200) }
```

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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