

Converting Colors

$Yxy(49.4874, 0.3272, 0.2814)$

Have a look what the booklet for
Yxy(49.4874, 0.3272, 0.2814)
contains.

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Color

Yxy(49.2982, 0.3273, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	E2A9D4
RGB	226, 169, 212
RGB Percent	89%, 66%, 83%
CMY	0.1136, 0.3373, 0.1687
CMYK	0.00, 0.25, 0.06, 0.11
HSL	315°, 50%, 77%
HSV	315°, 25%, 89%
XYZ	57.4414, 49.2982, 68.7612
YIQ	190.9450, 20.1690, 25.4570

Conversions

Conversions Part 2

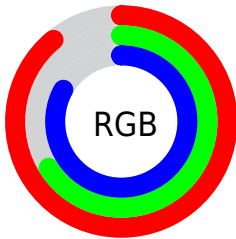
Format	Color
R _Y B	226, 169, 212
Decimal	14854612
CIE Lab	75.64, 27.75, -13.60
CIE LCh	76, 30.900, 333.896
Yxy	49.2982, 0.3273, 0.2809
Android (android.graphics.Color)	4293044692 (0xFFE2A9D4)
YUV	190.9450, 10.3801, 30.7432
Hunter-Lab	70.2127, 23.1598, -8.9155

Details

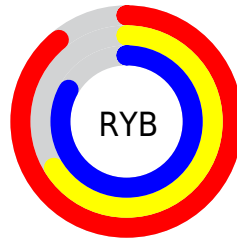
The Yxy color **49.2982, 0.3273, 0.2809** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.2671, 0.3008, 0.3825**, and the grayscale version is **51.9987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **23.4712, 0.3312, 0.2689** is the 20% darker color. If you saturate the color by 10%, you get **41.3288, 0.3347, 0.2614**, and if you desaturate by 10%, it is **58.7354, 0.3208, 0.3004**.

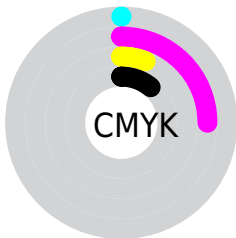
Distribution



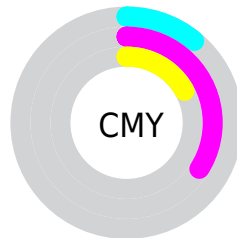
- Red (89%)
- Green (66%)
- Blue (83%)



- Red (89%)
- Yellow (66%)
- Blue (83%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (11%)




- Cyan (11%)
- Magenta (34%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2982, 0.3273, 0.2809 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 49.2982, 0.3273, 0.2809 by changing the saturation by 10% instead.


 49.2982, 0.3273,
0.2809


 49.2982, 0.3273,
0.2809

383.9151, 0.3205,
0.3038

 34.8561, 0.3289,
0.2755


 89.1342, 0.3249,
0.2890

 23.5520, 0.3308,
0.2688

 115.2968, 0.3240,
0.2920

 15.0017, 0.3332,
0.2602


146.1352, 0.3232,
0.2947

 8.8205, 0.3364,
0.2488

182.0335, 0.3226,
0.2970

 4.6243, 0.3406,
0.2328

223.3763, 0.3219,
0.2990

 2.0286, 0.3466,
0.2092

270.5479, 0.3214,

 0.6240, 0.3577,

0.3008

0.1657

323.9327, 0.3209,
0.3024

0.0000, 0.3395,
0.0000

0.0000, 0.0000,
0.0000

49.2982, 0.3273,
0.2809

49.2982, 0.3273,
0.2809

41.3288, 0.3347,
0.2614

58.7354, 0.3208,
0.3004

34.7458, 0.3430,
0.2428

69.7033, 0.3153,
0.3194

29.4698, 0.3521,
0.2259

82.2692, 0.3106,
0.3375

25.4106, 0.3618,
0.2118

93.6498, 0.3067,
0.3501

■ 22.4667, 0.3718,
0.2015

■ 93.9755, 0.3036,
0.3444

■ 20.5199, 0.3819,
0.1958

■ 94.3113, 0.3005,
0.3387

■ 19.4253, 0.3916,
0.1949

■ 94.6574, 0.2974,
0.3330

■ 19.0895, 0.3961,
0.1956

■ 94.9144, 0.2952,
0.3289

Harmonies

Analogous

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



49.2982, 0.2850, 0.2638



49.2982, 0.3273, 0.2809



49.2982, 0.3679, 0.3089

Triad

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



49.2982, 0.3273, 0.2809



49.2982, 0.3737, 0.3995



49.2982, 0.2382, 0.3065

Complementary

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



49.2982, 0.3273, 0.2809



66.2671, 0.3008, 0.3825

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.



49.2982, 0.2588, 0.3475



49.2982, 0.3273, 0.2809



49.2982, 0.3364, 0.4046

Square

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



49.2982, 0.3273, 0.2809



49.2982, 0.3952, 0.3757



49.2982, 0.2944, 0.3853



49.2982, 0.2361, 0.2759

Rectangle

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



49.2982, 0.3273, 0.2809



49.2982, 0.3873, 0.3312



49.2982, 0.2944, 0.3853



49.2982, 0.2431, 0.3195

Sweetspot

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



49.3004, 0.3273, 0.2809



87.3483, 0.3168, 0.3141



43.8485, 0.2796, 0.2593



18.2194, 0.3176, 0.3113



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.



49.3004, 0.3273, 0.2809



59.3650, 0.3308, 0.2712



48.0172, 0.3519, 0.3116



13.8749, 0.3175, 0.3115



10.9066, 0.3947, 0.1948



0.7699, 0.3809, 0.1872

Inverse Universe

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



49.3004, 0.3273, 0.2809



59.3650, 0.3308, 0.2712



67.5405, 0.2844, 0.3473



13.8749, 0.3175, 0.3115



10.9066, 0.3947, 0.1948



0.7699, 0.3809, 0.1872

Previews

White Background



This preview shows how the Yxy color 49.2982, 0.3273, 0.2809 looks on a white background.

Color Contrast Check

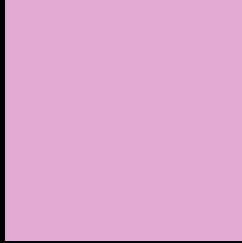
Large Text (above 18pt) WCAG AA × Fail

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 49.2982, 0.3273, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

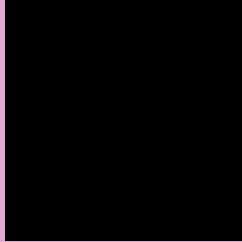
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2982, 0.3273, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 49.2982, 0.3273, 0.2809.



This preview shows how white text looks on a background with the Yxy color 49.2982, 0.3273, 0.2809.

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

49.2982, 0.3273, 0.2809

Protanopia

49.6093, 0.2804, 0.2824

Deuteranopia

49.5784, 0.3011, 0.2950



Tritanopia

49.1630, 0.3458, 0.3128

Trichromacy



Original Color

49.2982, 0.3273, 0.2809



Protanomaly

49.0904, 0.2961, 0.2813



Deuteranomaly

49.2692, 0.3104, 0.2889



Tritanomaly

49.3379, 0.3389, 0.3015

Monochromacy



Original Color

49.2982, 0.3273, 0.2809



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.8279, 0.3178, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2982, 0.3273, 0.2809 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(226, 169, 212)` looks like.

```
.text, #text, p{  
    color:rgb(226, 169, 212)  
}
```

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(226, 169, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 169, 212) }
```

Border

The CSS property to change the border of an element to Yxy 49.2982, 0.3273, 0.2809 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(226, 169, 212) }
```

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

```
.border{ border-color:rgb(226, 169, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 169, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 169, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 169, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 169,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2982, 0.3273, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 169, 212) }
```

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

```
.background{ background-color: rgb(226,  
169, 212) }
```

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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