

Converting Colors

$Yxy(49.9657, 0.3268, 0.2880)$

Have a look what the booklet for
Yxy(49.9657, 0.3268, 0.2880)
contains.

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Color

Yxy(50.1786, 0.3268, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	DFADD1
RGB	223, 173, 209
RGB Percent	87%, 68%, 82%
CMY	0.1255, 0.3215, 0.1805
CMYK	0.00, 0.22, 0.06, 0.13
HSL	317°, 44%, 78%
HSV	317°, 22%, 87%
XYZ	56.8795, 50.1786, 66.9918
YIQ	192.0540, 18.2440, 21.7960

Conversions

Conversions Part 2

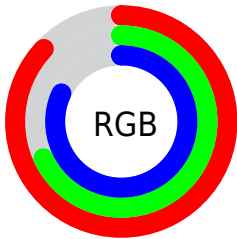
Format	Color
R _Y B	223, 173, 209
Decimal	14659025
CIE Lab	76.18, 24.03, -11.18
CIE LCh	76, 26.499, 335.055
Yxy	50.1786, 0.3268, 0.2883
Android (android.graphics.Color)	4292849105 (0xFFDFADD1)
YUV	192.0540, 8.3544, 27.1396
Hunter-Lab	70.8369, 19.3648, -6.4859

Details

The Yxy color **50.1786, 0.3268, 0.2883** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.2473, 0.3011, 0.3735**, and the grayscale version is **52.6884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **24.0150, 0.3294, 0.2769** is the 20% darker color. If you saturate the color by 10%, you get **42.0262, 0.3348, 0.2696**, and if you desaturate by 10%, it is **59.7749, 0.3199, 0.3069**.

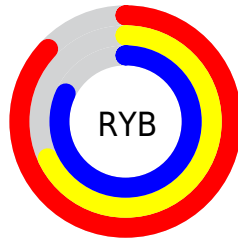
Distribution



Red (87%)

Green (68%)

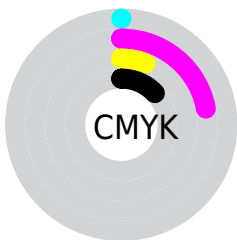
Blue (82%)



Red (87%)

Yellow (68%)

Blue (82%)

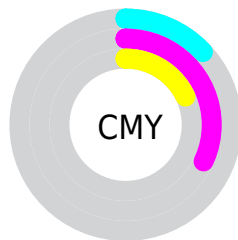


Cyan (0%)

Magenta (22%)

Yellow (6%)

Black (13%)



Cyan (13%)


Magenta (32%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1786, 0.3268, 0.2883 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 50.1786, 0.3268, 0.2883 by changing the saturation by 10% instead.


 50.1786, 0.3268,
0.2883

 50.1786, 0.3268,
0.2883


387.3640, 0.3202,
0.3077

 35.5553, 0.3283,
0.2837


 90.4394, 0.3245,
0.2952

 24.0910, 0.3303,
0.2780


116.8458, 0.3236,
0.2978

 15.4011, 0.3327,
0.2706


147.9486, 0.3228,
0.3000

 9.1014, 0.3360,
0.2607

184.1324, 0.3221,
0.3020

 4.8074, 0.3405,
0.2468

225.7814, 0.3216,
0.3037

 2.1347, 0.3470,
0.2261

273.2800, 0.3210,

 0.6840, 0.3588,

0.3052

0.1885

327.0128, 0.3206,
0.3065

0.0000, 0.3651,
0.0000

0.0000, 0.0000,
0.0000

50.1786, 0.3268,
0.2883

50.1786, 0.3268,
0.2883

42.0262, 0.3348,
0.2696

59.7749, 0.3199,
0.3069

35.2400, 0.3439,
0.2513

70.8744, 0.3140,
0.3248

29.7454, 0.3540,
0.2345

83.5412, 0.3090,
0.3418

25.4576, 0.3650,
0.2200

93.1473, 0.3050,
0.3505

■ 22.2821, 0.3766,
0.2091

■ 93.5132, 0.3015,
0.3440

■ 20.1096, 0.3884,
0.2026

■ 93.8920, 0.2981,
0.3376

■ 18.8089, 0.4000,
0.2010

■ 94.2837, 0.2947,
0.3312

■ 18.2408, 0.4086,
0.2025

■ 94.4271, 0.2935,
0.3289

Harmonies

Analogous

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



50.1786, 0.2905, 0.2731



50.1786, 0.3268, 0.2883



50.1786, 0.3609, 0.3131

Triad

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



50.1786, 0.3268, 0.2883



50.1786, 0.3640, 0.3898



50.1786, 0.2482, 0.3091

Complementary

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



50.1786, 0.3268, 0.2883



65.2473, 0.3011, 0.3735

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.



50.1786, 0.2657, 0.3435



50.1786, 0.3268, 0.2883



50.1786, 0.3320, 0.3927

Square

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



50.1786, 0.3268, 0.2883



50.1786, 0.3827, 0.3705



50.1786, 0.2960, 0.3755



50.1786, 0.2469, 0.2830

Rectangle

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



50.1786, 0.3268, 0.2883



50.1786, 0.3769, 0.3325



50.1786, 0.2960, 0.3755



50.1786, 0.2523, 0.3200

Sweetspot

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



50.1808, 0.3268, 0.2883



88.8170, 0.3166, 0.3166



45.7007, 0.2853, 0.2683



18.8146, 0.3170, 0.3155



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.



50.1808, 0.3268, 0.2883



62.4790, 0.3305, 0.2793



49.0677, 0.3479, 0.3155



13.8666, 0.3180, 0.3123



10.7461, 0.4070, 0.2016



0.7599, 0.3907, 0.1926

Inverse Universe

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



50.1808, 0.3268, 0.2883



62.4790, 0.3305, 0.2793



66.3779, 0.2864, 0.3430



13.8666, 0.3180, 0.3123



10.7461, 0.4070, 0.2016



0.7599, 0.3907, 0.1926

Previews

White Background



This preview shows how the Yxy color 50.1786, 0.3268, 0.2883 looks on a white background.

Color Contrast Check

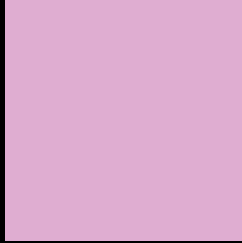
Large Text (above 18pt) WCAG AA × Fail

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 50.1786, 0.3268, 0.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

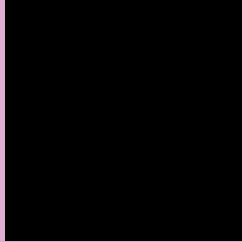
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1786, 0.3268, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 50.1786, 0.3268, 0.2883.



This preview shows how white text looks on a background with the Yxy color 50.1786, 0.3268, 0.2883.

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

50.1786, 0.3268, 0.2883

Protanopia

50.6699, 0.2869, 0.2910

Deuteranopia

50.3777, 0.3066, 0.3000



Tritanopia

49.9840, 0.3400, 0.3128

Trichromacy



Original Color

50.1786, 0.3268, 0.2883

Protanomaly

50.3680, 0.3006, 0.2896

Deuteranomaly

50.0597, 0.3135, 0.2948

Tritanomaly

50.0633, 0.3350, 0.3037

Monochromacy



Original Color

50.1786, 0.3268, 0.2883

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4717, 0.3176, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1786, 0.3268, 0.2883 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(223, 173, 209)` looks like.

```
.text, #text, p{  
    color:rgb(223, 173, 209)  
}
```

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(223, 173, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 173, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.1786, 0.3268, 0.2883 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(223, 173, 209) }
```

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

```
.border{ border-color:rgb(223, 173, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 173, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 173, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 173, 209);  
box-shadow:4px 4px 4px 4px rgb(223, 173,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1786, 0.3268, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 173, 209) }
```

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

```
.background{ background-color: rgb(223,  
173, 209) }
```

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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