

Converting Colors

$Yxy(48.4823, 0.3300, 0.2983)$

Have a look what the booklet for
Yxy(48.4823, 0.3300, 0.2983)
contains.

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Color

Yxy(48.3803, 0.3301, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	D9ACC7
RGB	217, 172, 199
RGB Percent	85%, 67%, 78%
CMY	0.1490, 0.3255, 0.2195
CMYK	0.00, 0.21, 0.08, 0.15
HSL	324°, 37%, 76%
HSV	324°, 21%, 85%
XYZ	53.6818, 48.3803, 60.5608
YIQ	188.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

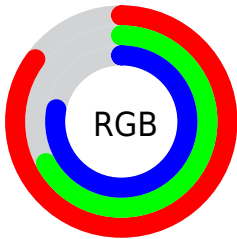
Format	Color
R _Y B	217, 172, 199
Decimal	14265543
CIE Lab	75.06, 20.78, -7.47
CIE LCh	75, 22.085, 340.229
Yxy	48.3803, 0.3301, 0.2975
Android (android.graphics.Color)	4292455623 (0xFFD9ACC7)
YUV	188.5330, 5.1602, 24.9656
Hunter-Lab	69.5559, 16.0396, -2.9333

Details

The Yxy color **48.3803, 0.3301, 0.2975** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.1186, 0.2985, 0.3628**, and the grayscale version is **50.5731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **22.9194, 0.3354, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **40.3944, 0.3409, 0.2816**, and if you desaturate by 10%, it is **57.7422, 0.3209, 0.3131**.

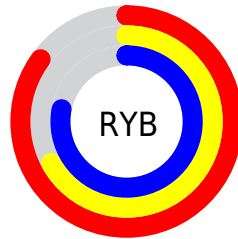
Distribution



Red (85%)

Green (67%)

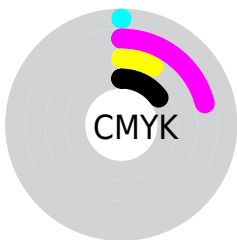
Blue (78%)



Red (85%)

Yellow (67%)

Blue (78%)

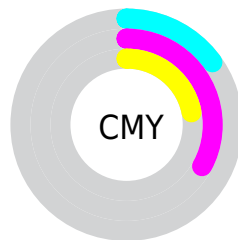


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (15%)



Cyan (15%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3803, 0.3301, 0.2975 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 48.3803, 0.3301, 0.2975 by changing the saturation by 10% instead.


 48.3803, 0.3301,
0.2975

 48.3803, 0.3301,
0.2975


380.2976, 0.3217,
0.3128

 34.1282, 0.3321,
0.2938


 87.7704, 0.3271,
0.3029

 22.9921, 0.3347,
0.2892


113.6771, 0.3259,
0.3050

 14.5876, 0.3381,
0.2832

144.2374, 0.3250,
0.3068

 8.5305, 0.3427,
0.2750

179.8358, 0.3241,
0.3083

 4.4362, 0.3492,
0.2633

220.8566, 0.3234,
0.3096

 1.9205, 0.3595,
0.2453

267.6842, 0.3227,

 0.5606, 0.3827,

0.3108

0.2032

320.7031, 0.3222,
0.3118

0.0000, 0.0000,
0.0000

48.3803, 0.3301,
0.2975

48.3803, 0.3301,
0.2975

40.3944, 0.3409,
0.2816

57.7422, 0.3209,
0.3131

33.7123, 0.3536,
0.2659

68.5349, 0.3132,
0.3279

28.2650, 0.3681,
0.2512

80.8183, 0.3068,
0.3419

23.9742, 0.3843,
0.2386

92.1969, 0.3015,
0.3511

20.7531, 0.4019,
0.2292

92.7066, 0.2968,
0.3419

■ 18.5020, 0.4204,
0.2241

■ 93.2409, 0.2921,
0.3330

■ 17.1023, 0.4388,
0.2241

■ 93.4935, 0.2900,
0.3289

■ 16.3742, 0.4555,
0.2283

Harmonies

Analogous

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



48.3803, 0.2991, 0.2828



48.3803, 0.3301, 0.2975



48.3803, 0.3573, 0.3198

Triad

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



48.3803, 0.3301, 0.2975



48.3803, 0.3522, 0.3819



48.3803, 0.2566, 0.3080

Complementary

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



48.3803, 0.3301, 0.2975



62.1186, 0.2985, 0.3628

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.



48.3803, 0.2694, 0.3363



48.3803, 0.3301, 0.2975



48.3803, 0.3240, 0.3810

Square

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



48.3803, 0.3301, 0.2975



48.3803, 0.3702, 0.3681



48.3803, 0.2938, 0.3639



48.3803, 0.2580, 0.2875

Rectangle

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



48.3803, 0.3301, 0.2975



48.3803, 0.3691, 0.3368



48.3803, 0.2938, 0.3639



48.3803, 0.2594, 0.3169

Sweetspot

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



48.3825, 0.3301, 0.2975



90.2363, 0.3171, 0.3201



45.3655, 0.2919, 0.2740



19.0968, 0.3177, 0.3192



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.



48.3825, 0.3301, 0.2975



64.3180, 0.3347, 0.2904



47.4417, 0.3493, 0.3228



13.1822, 0.3198, 0.3150



9.9323, 0.4530, 0.2269



0.6603, 0.4257, 0.2119

Inverse Universe

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



48.3825, 0.3301, 0.2975



64.3180, 0.3347, 0.2904



63.1433, 0.2851, 0.3353



13.1822, 0.3198, 0.3150



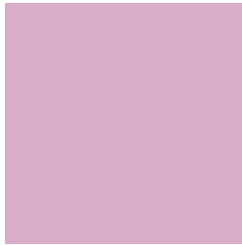
9.9323, 0.4530, 0.2269



0.6603, 0.4257, 0.2119

Previews

White Background



This preview shows how the Yxy color 48.3803, 0.3301, 0.2975 looks on a white background.

Color Contrast Check

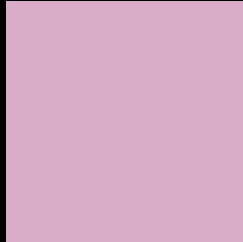
Large Text (above 18pt) WCAG AA × Fail

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 48.3803, 0.3301, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

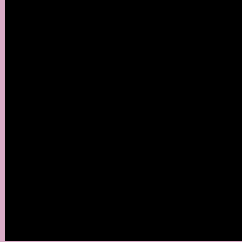
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3803, 0.3301, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 48.3803, 0.3301, 0.2975.



This preview shows how white text looks on a background with the Yxy color 48.3803, 0.3301, 0.2975.

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

48.3803, 0.3301, 0.2975

Protanopia

48.6823, 0.2945, 0.3014

Deuteranopia

48.5901, 0.3129, 0.3069



Tritanopia

48.3070, 0.3384, 0.3136

Trichromacy



Original Color

48.3803, 0.3301, 0.2975

Protanomaly

48.5564, 0.3073, 0.3008

Deuteranomaly

48.3589, 0.3191, 0.3037

Tritanomaly

48.2477, 0.3360, 0.3078

Monochromacy



Original Color

48.3803, 0.3301, 0.2975

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8593, 0.3184, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3803, 0.3301, 0.2975 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, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(217, 172, 199)  
}
```

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, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 172, 199) }
```

Border

The CSS property to change the border of an element to Yxy 48.3803, 0.3301, 0.2975 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, 172, 199) }
```

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

```
.border{ border-color:rgb(217, 172, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(217, 172,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3803, 0.3301, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 172, 199) }
```

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

```
.background{ background-color: rgb(217,  
172, 199) }
```

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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