

Converting Colors

Yxy(48.3663, 0.3455, 0.3139)

Have a look what the booklet for
Yxy(48.3663, 0.3455, 0.3139)
contains.

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Color

Yxy(48.3800, 0.3460, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	DDACB9
RGB	221, 172, 185
RGB Percent	87%, 67%, 73%
CMY	0.1333, 0.3255, 0.2746
CMYK	0.00, 0.22, 0.16, 0.13
HSL	344°, 42%, 77%
HSV	344°, 22%, 87%
XYZ	53.3274, 48.3800, 52.4181
YIQ	188.1330, 25.0310, 14.4310

Conversions

Conversions Part 2

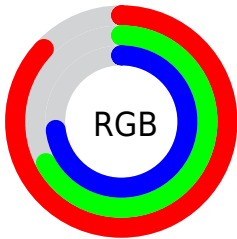
Format	Color
R _Y B	221, 172, 185
Decimal	14527673
CIE Lab	75.06, 19.87, 0.26
CIE LCh	75, 19.874, 0.745
Yxy	48.3800, 0.3460, 0.3139
Android (android.graphics.Color)	4292717753 (0xFFDDACB9)
YUV	188.1330, -1.5446, 28.8244
Hunter-Lab	69.5557, 15.1310, 4.0073

Details

The Yxy color **48.3800, 0.3460, 0.3139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.0409, 0.2876, 0.3447**, and the grayscale version is **50.3681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0977, 0.3230, 0.3163**, and **22.8589, 0.3551, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **40.0101, 0.3667, 0.3067**, and if you desaturate by 10%, it is **58.2315, 0.3291, 0.3210**.

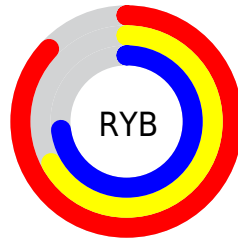
Distribution



Red (87%)

Green (67%)

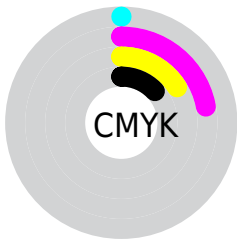
Blue (73%)



Red (87%)

Yellow (67%)

Blue (73%)

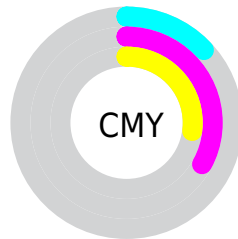


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3800, 0.3460, 0.3139 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 48.3800, 0.3460, 0.3139 by changing the saturation by 10% instead.


 48.3800, 0.3460,
0.3139

 48.3800, 0.3460,
0.3139


380.2964, 0.3294,
0.3214

 34.1279, 0.3501,
0.3120


 87.7699, 0.3400,
0.3166

 22.9919, 0.3554,
0.3096


113.6765, 0.3377,
0.3177

 14.5875, 0.3623,
0.3064


144.2368, 0.3358,
0.3185

 8.5304, 0.3720,
0.3020

179.8351, 0.3342,
0.3193

 4.4362, 0.3864,
0.2954

220.8558, 0.3328,
0.3199

 1.9204, 0.4098,
0.2847

267.6833, 0.3315,

 0.5606, 0.4720,

0.3205

0.2567

320.7020, 0.3304,
0.3210

0.0000, 0.0000,
0.0000

48.3800, 0.3460,
0.3139

48.3800, 0.3460,
0.3139

40.0101, 0.3667,
0.3067

58.2315, 0.3291,
0.3210

33.0435, 0.3919,
0.2996

69.6250, 0.3153,
0.3276

27.4047, 0.4219,
0.2934

82.6252, 0.3042,
0.3338

23.0082, 0.4563,
0.2889

93.7927, 0.2950,
0.3340

19.7588, 0.4941,
0.2871

94.1126, 0.2923,
0.3289

■ 17.5468, 0.5325,
0.2893

■ 16.2413, 0.5677,
0.2958

■ 15.6836, 0.5910,
0.3029

Harmonies

Analogous

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



48.3800, 0.3196, 0.2954



48.3800, 0.3460, 0.3139



48.3800, 0.3635, 0.3366

Triad

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



48.3800, 0.3460, 0.3139



48.3800, 0.3316, 0.3775



48.3800, 0.2614, 0.2965

Complementary

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



48.3800, 0.3460, 0.3139



65.0409, 0.2876, 0.3447

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.



48.3800, 0.2644, 0.3179



48.3800, 0.3460, 0.3139



48.3800, 0.3041, 0.3664

Square

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



48.3800, 0.3460, 0.3139



48.3800, 0.3547, 0.3740



48.3800, 0.2797, 0.3439



48.3800, 0.2714, 0.2850

Rectangle

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



48.3800, 0.3460, 0.3139



48.3800, 0.3674, 0.3516



48.3800, 0.2797, 0.3439



48.3800, 0.2609, 0.3027

Sweetspot

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



48.3822, 0.3460, 0.3139



88.3188, 0.3217, 0.3244



48.1288, 0.3043, 0.2722



18.6992, 0.3225, 0.3240



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.



48.3822, 0.3460, 0.3139



60.8194, 0.3559, 0.3103



52.3996, 0.3549, 0.3425



13.1079, 0.3250, 0.3228



9.1267, 0.5871, 0.3008



0.6055, 0.5402, 0.2749

Inverse Universe

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



48.3822, 0.3460, 0.3139



60.8194, 0.3559, 0.3103



59.8732, 0.2789, 0.3150



13.1079, 0.3250, 0.3228



9.1267, 0.5871, 0.3008



0.6055, 0.5402, 0.2749

Previews

White Background



This preview shows how the Yxy color 48.3800, 0.3460, 0.3139 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 48.3800, 0.3460, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

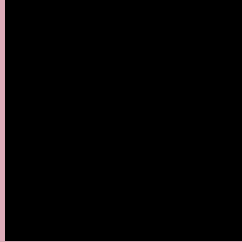
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3800, 0.3460, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 48.3800, 0.3460, 0.3139.



This preview shows how white text looks on a background with the Yxy color 48.3800, 0.3460, 0.3139.

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

48.3800, 0.3460, 0.3139

Protanopia

48.5259, 0.3082, 0.3188

Deuteranopia

48.3974, 0.3296, 0.3229



Tritanopia

48.3800, 0.3460, 0.3139

Trichromacy



Original Color

48.3800, 0.3460, 0.3139

Protanomaly

48.4588, 0.3219, 0.3179

Deuteranomaly

48.2130, 0.3362, 0.3194

Tritanomaly

48.3800, 0.3460, 0.3139

Monochromacy



Original Color

48.3800, 0.3460, 0.3139

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3231, 0.3241, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3800, 0.3460, 0.3139 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(221, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(221, 172, 185)  
}
```

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(221, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 172, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.3800, 0.3460, 0.3139 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(221, 172, 185) }
```

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

```
.border{ border-color:rgb(221, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(221, 172,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3800, 0.3460, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 172, 185) }
```

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

```
.background{ background-color: rgb(221,  
172, 185) }
```

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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