

Converting Colors

Yxy(46.9163, 0.3324, 0.3101)

Have a look what the booklet for
Yxy(46.9163, 0.3324, 0.3101)
contains.

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Color

Yxy(47.0733, 0.3323, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	D1ADBC
RGB	209, 173, 188
RGB Percent	82%, 68%, 74%
CMY	0.1805, 0.3215, 0.2627
CMYK	0.00, 0.17, 0.10, 0.18
HSL	335°, 28%, 75%
HSV	335°, 17%, 82%
XYZ	50.3135, 47.0733, 54.0230
YIQ	185.4740, 16.6410, 12.2970

Conversions

Conversions Part 2

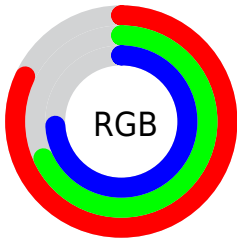
Format	Color
R _{YB}	209, 173, 188
Decimal	13741500
CIE Lab	74.24, 15.52, -2.75
CIE LCh	74, 15.760, 349.944
Yxy	47.0733, 0.3323, 0.3109
Android (android.graphics.Color)	4291931580 (0xFFD1ADBC)
YUV	185.4740, 1.2453, 20.6323
Hunter-Lab	68.6100, 10.8312, 1.3425

Details

The Yxy color $47.0733, 0.3323, 0.3109$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.3722, 0.2966, 0.3479$, and the grayscale version is $48.7804, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.8303, 0.3209, 0.3144$, and $22.2940, 0.3372, 0.3064$ is the 20% darker color. If you saturate the color by 10%, you get $39.1738, 0.3470, 0.2997$, and if you desaturate by 10%, it is $56.2748, 0.3201, 0.3216$.

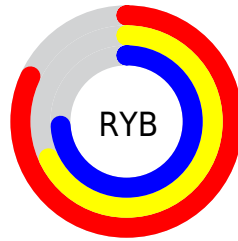
Distribution



Red (82%)

Green (68%)

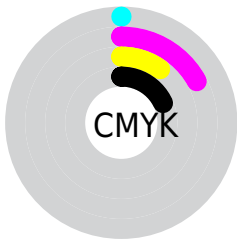
Blue (74%)



Red (82%)

Yellow (68%)

Blue (74%)

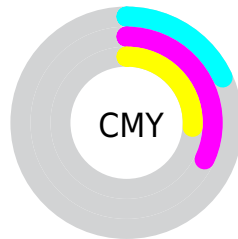


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (18%)



Cyan (18%)


Magenta (32%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0733, 0.3323, 0.3109 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 47.0733, 0.3323, 0.3109 by changing the saturation by 10% instead.


 47.0733, 0.3323,
0.3109

 47.0733, 0.3323,
0.3109


375.1070, 0.3226,
0.3198

 33.0936, 0.3347,
0.3087


 85.8230, 0.3288,
0.3141

 22.1982, 0.3378,
0.3059


111.3618, 0.3275,
0.3153

 14.0026, 0.3419,
0.3022


141.5225, 0.3263,
0.3164

 8.1225, 0.3476,
0.2971

176.6894, 0.3254,
0.3173

 4.1734, 0.3560,
0.2896

217.2469, 0.3245,
0.3180

 1.7710, 0.3697,
0.2776

263.5794, 0.3238,

 0.4690, 0.4130,

0.3187

0.2349

316.0713, 0.3232,
0.3193

0.0000, 0.0000,
0.0000

47.0733, 0.3323,
0.3109

47.0733, 0.3323,
0.3109

39.1738, 0.3470,
0.2997

56.2748, 0.3201,
0.3216

32.5110, 0.3648,
0.2885

66.8276, 0.3101,
0.3317

27.0230, 0.3858,
0.2778

78.7857, 0.3019,
0.3411

22.6403, 0.4101,
0.2685

91.1717, 0.2951,
0.3481

19.2859, 0.4375,
0.2618

91.9068, 0.2886,
0.3352

■ 16.8727, 0.4669,
0.2590

■ 92.2930, 0.2855,
0.3289

■ 15.2990, 0.4968,
0.2611

■ 14.4279, 0.5250,
0.2684

■ 14.2446, 0.5327,
0.2708

Harmonies

Analogous

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



47.0733, 0.3102, 0.2978



47.0733, 0.3323, 0.3109



47.0733, 0.3494, 0.3286

Triad

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



47.0733, 0.3323, 0.3109



47.0733, 0.3354, 0.3679



47.0733, 0.2710, 0.3086

Complementary

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



47.0733, 0.3323, 0.3109



58.3722, 0.2966, 0.3479

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.



47.0733, 0.2772, 0.3277



47.0733, 0.3323, 0.3109



47.0733, 0.3140, 0.3631

Square

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



47.0733, 0.3323, 0.3109



47.0733, 0.3511, 0.3616



47.0733, 0.2928, 0.3480



47.0733, 0.2754, 0.2960

Rectangle

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



47.0733, 0.3323, 0.3109



47.0733, 0.3554, 0.3411



47.0733, 0.2928, 0.3480



47.0733, 0.2719, 0.3145

Sweetspot

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



47.0754, 0.3323, 0.3109



91.6639, 0.3178, 0.3239



45.8827, 0.3015, 0.2849



19.3785, 0.3186, 0.3231



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.



47.0754, 0.3323, 0.3109



68.6142, 0.3379, 0.3064



47.3892, 0.3450, 0.3320



11.8889, 0.3226, 0.3193



8.8030, 0.5291, 0.2688



0.5079, 0.4818, 0.2428

Inverse Universe

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



47.0754, 0.3323, 0.3109



68.6142, 0.3379, 0.3064



57.9132, 0.2868, 0.3260



11.8889, 0.3226, 0.3193



8.8030, 0.5291, 0.2688



0.5079, 0.4818, 0.2428

Previews

White Background



This preview shows how the Yxy color 47.0733, 0.3323, 0.3109 looks on a white background.

Color Contrast Check

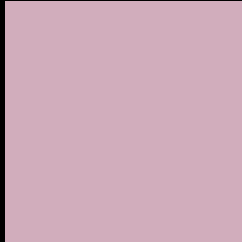
Large Text (above 18pt) WCAG AA × Fail

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 47.0733, 0.3323, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

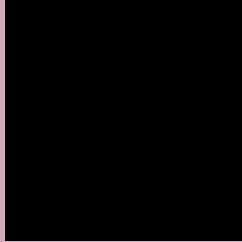
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0733, 0.3323, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 47.0733, 0.3323, 0.3109.



This preview shows how white text looks on a background with the Yxy color 47.0733, 0.3323, 0.3109.

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

47.0733, 0.3323, 0.3109

Protanopia

47.3734, 0.3050, 0.3149

Deuteranopia

47.0379, 0.3229, 0.3166



Tritanopia

47.0303, 0.3332, 0.3121

Trichromacy



Original Color

47.0733, 0.3323, 0.3109

Protanomaly

47.2083, 0.3143, 0.3139

Deuteranomaly

47.1951, 0.3266, 0.3155

Tritanomaly

47.0303, 0.3332, 0.3121

Monochromacy



Original Color

47.0733, 0.3323, 0.3109

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0623, 0.3199, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0733, 0.3323, 0.3109 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(209, 173, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 173, 188)  
}
```

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(209, 173, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 173, 188) }
```

Border

The CSS property to change the border of an element to Yxy 47.0733, 0.3323, 0.3109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

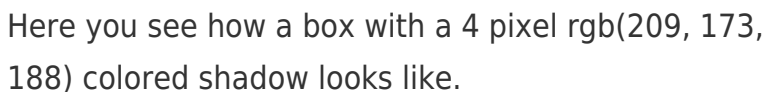
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 173, 188) }
```

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

```
.border{ border-color:rgb(209, 173, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 173, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 173, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 173, 188); box-shadow:4px 4px 4px 4px rgb(209, 173, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0733, 0.3323, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 173, 188) }
```

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

```
.background{ background-color: rgb(209,  
173, 188) }
```

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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