

Converting Colors

$Yxy(43.9082, 0.3348, 0.3002)$

Have a look what the booklet for
Yxy(43.9082, 0.3348, 0.3002)
contains.

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Color

Yxy(43.8834, 0.3345, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	D2A4BC
RGB	210, 164, 188
RGB Percent	82%, 64%, 74%
CMY	0.1765, 0.3568, 0.2628
CMYK	0.00, 0.22, 0.10, 0.18
HSL	329°, 34%, 73%
HSV	329°, 22%, 82%
XYZ	48.9300, 43.8834, 53.4646
YIQ	180.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

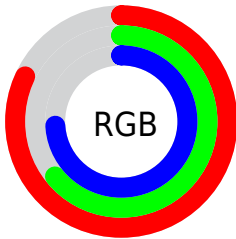
Format	Color
R _Y B	210, 164, 188
Decimal	13804732
CIE Lab	72.15, 20.77, -5.80
CIE LCh	72, 21.563, 344.393
Yxy	43.8834, 0.3345, 0.3000
Android (android.graphics.Color)	4291994812 (0xFFD2A4BC)
YUV	180.4900, 3.7024, 25.8803
Hunter-Lab	66.2445, 15.9169, -1.4806

Details

The Yxy color **43.8834, 0.3345, 0.3000** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.5317, 0.2954, 0.3600**, and the grayscale version is **45.8916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4547, 0.3217, 0.3044**, and **20.3062, 0.3404, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **36.5606, 0.3477, 0.2861**, and if you desaturate by 10%, it is **52.4813, 0.3235, 0.3136**.

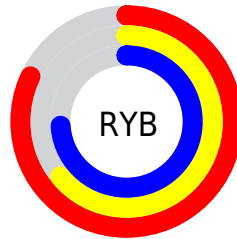
Distribution



Red (82%)

Green (64%)

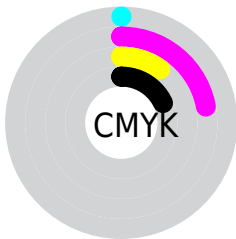
Blue (74%)



Red (82%)

Yellow (64%)

Blue (74%)

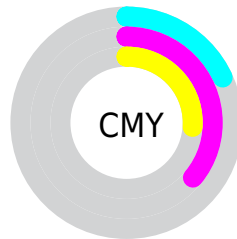


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (18%)



Cyan (18%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8834, 0.3345, 0.3000 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 43.8834, 0.3345, 0.3000 by changing the saturation by 10% instead.


 43.8834, 0.3345,
0.3000

 43.8834, 0.3345,
0.3000


362.2323, 0.3237,
0.3143

 30.5789, 0.3372,
0.2965


 81.0423, 0.3306,
0.3052

 20.2784, 0.3406,
0.2920

 105.6654, 0.3291,
0.3071

 12.5976, 0.3452,
0.2861


134.8301, 0.3278,
0.3088

 7.1520, 0.3516,
0.2779

168.9209, 0.3268,
0.3102

 3.5573, 0.3611,
0.2659

208.3221, 0.3258,
0.3114

 1.4292, 0.3766,
0.2466

253.4181, 0.3250,

 0.2381, 0.4482,

0.3125

0.1455

304.5934, 0.3243,
0.3135

0.0000, 0.0000,
0.0000

43.8834, 0.3345,
0.3000

43.8834, 0.3345,
0.3000

36.5606, 0.3477,
0.2861

52.4813, 0.3235,
0.3136

30.4456, 0.3632,
0.2724

62.4056, 0.3143,
0.3266

25.4737, 0.3812,
0.2597

73.7122, 0.3067,
0.3388

21.5718, 0.4015,
0.2491

86.4518, 0.3004,
0.3501

18.6581, 0.4237,
0.2417

91.4082, 0.2949,
0.3465

■ 16.6391, 0.4470,
0.2388

■ 92.0161, 0.2896,
0.3359

■ 15.4027, 0.4703,
0.2412

■ 92.4415, 0.2860,
0.3289

■ 14.8170, 0.4885,
0.2465

Harmonies

Analogous

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



43.8834, 0.3032, 0.2839



43.8834, 0.3345, 0.3000



43.8834, 0.3607, 0.3232

Triad

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



43.8834, 0.3345, 0.3000



43.8834, 0.3490, 0.3832



43.8834, 0.2555, 0.3043

Complementary

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



43.8834, 0.3345, 0.3000



57.5317, 0.2954, 0.3600

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.



43.8834, 0.2665, 0.3322



43.8834, 0.3345, 0.3000



43.8834, 0.3198, 0.3800

Square

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



43.8834, 0.3345, 0.3000



43.8834, 0.3690, 0.3710



43.8834, 0.2897, 0.3608



43.8834, 0.2588, 0.2852

Rectangle

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



43.8834, 0.3345, 0.3000



43.8834, 0.3711, 0.3404



43.8834, 0.2897, 0.3608



43.8834, 0.2576, 0.3130

Sweetspot

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



43.8854, 0.3345, 0.3000



88.5974, 0.3188, 0.3200



41.5792, 0.2939, 0.2713



18.7637, 0.3194, 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.



43.8854, 0.3345, 0.3000



62.8690, 0.3400, 0.2939



42.9911, 0.3554, 0.3272



11.9098, 0.3210, 0.3169



9.0587, 0.4854, 0.2448



0.5225, 0.4471, 0.2237

Inverse Universe

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



43.8854, 0.3345, 0.3000



62.8690, 0.3400, 0.2939



58.5631, 0.2813, 0.3308



11.9098, 0.3210, 0.3169



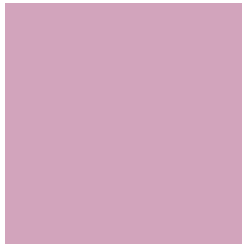
9.0587, 0.4854, 0.2448



0.5225, 0.4471, 0.2237

Previews

White Background



This preview shows how the Yxy color 43.8834, 0.3345, 0.3000 looks on a white background.

Color Contrast Check

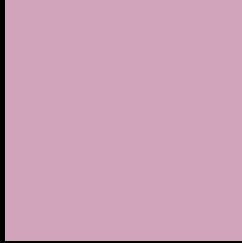
Large Text (above 18pt) WCAG AA × Fail

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 43.8834, 0.3345, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

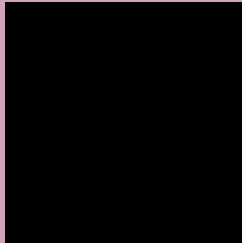
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8834, 0.3345, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 43.8834, 0.3345, 0.3000.



This preview shows how white text looks on a background with the Yxy color 43.8834, 0.3345, 0.3000.

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

43.8834, 0.3345, 0.3000

Protanopia

44.1048, 0.2969, 0.3041

Deuteranopia

44.0401, 0.3163, 0.3098



Tritanopia

44.0421, 0.3424, 0.3144

Trichromacy



Original Color

43.8834, 0.3345, 0.3000

Protanomaly

44.0022, 0.3104, 0.3035

Deuteranomaly

43.8341, 0.3228, 0.3064

Tritanomaly

43.8430, 0.3389, 0.3083

Monochromacy



Original Color

43.8834, 0.3345, 0.3000

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7674, 0.3204, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8834, 0.3345, 0.3000 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(210, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(210, 164, 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(210, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 164, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.8834, 0.3345, 0.3000 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(210, 164, 188) }
```

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

```
.border{ border-color:rgb(210, 164, 188) }
```

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

Here you see how a box with a 4 pixel rgb(210, 164, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(210, 164,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8834, 0.3345, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 164, 188) }
```

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

```
.background{ background-color: rgb(210,  
164, 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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