

Converting Colors

$Y_{xy}(46.2801, 0.3424, 0.3040)$

Have a look what the booklet for
Yxy(46.2801, 0.3424, 0.3040)
contains.

Yxy(46.3283, 0.3424, 0.3044)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.3283, 0.3424, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	DBA7BC
RGB	219, 167, 188
RGB Percent	86%, 65%, 74%
CMY	0.1411, 0.3451, 0.2629
CMYK	0.00, 0.24, 0.14, 0.14
HSL	336°, 42%, 76%
HSV	336°, 24%, 86%
XYZ	52.1117, 46.3283, 53.7554
YIQ	184.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

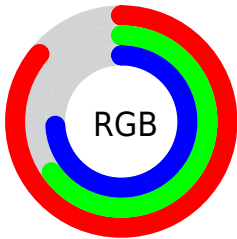
Format	Color
R _Y B	219, 167, 188
Decimal	14395324
CIE Lab	73.76, 22.34, -3.32
CIE LCh	74, 22.588, 351.560
Yxy	46.3283, 0.3424, 0.3044
Android (android.graphics.Color)	4292585404 (0xFFDBA7BC)
YUV	184.9420, 1.5076, 29.8689
Hunter-Lab	68.0649, 17.5493, 0.8201

Details

The Yxy color **46.3283, 0.3424, 0.3044** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.9705, 0.2902, 0.3551**, and the grayscale version is **48.4643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0342, 0.3215, 0.3074**, and **21.7973, 0.3499, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **38.4352, 0.3595, 0.2935**, and if you desaturate by 10%, it is **55.6356, 0.3282, 0.3151**.

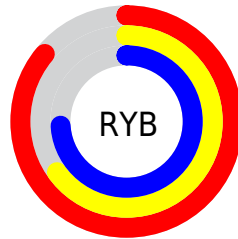
Distribution



Red (86%)

Green (65%)

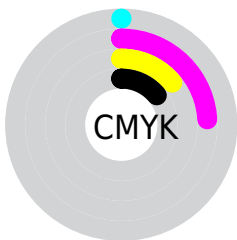
Blue (74%)



Red (86%)

Yellow (65%)

Blue (74%)

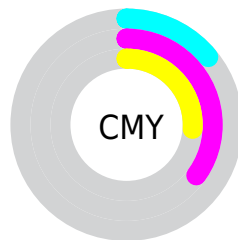


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (14%)



Cyan (14%)


Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3283, 0.3424, 0.3044 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 46.3283, 0.3424, 0.3044 by changing the saturation by 10% instead.

 46.3283, 0.3424,
0.3044

 46.3283, 0.3424,
0.3044


372.1270, 0.3276,
0.3165

 32.5050, 0.3461,
0.3014


 84.7101, 0.3371,
0.3088

 21.7475, 0.3508,
0.2976


 110.0374, 0.3350,
0.3104

 13.6715, 0.3570,
0.2926

139.9681, 0.3333,
0.3118

 7.8925, 0.3656,
0.2858

174.8866, 0.3319,
0.3130

 4.0263, 0.3785,
0.2757

215.1774, 0.3306,
0.3141

 1.6883, 0.3994,
0.2596

261.2248, 0.3295,

 0.4160, 0.4619,

0.3150

0.2034

313.4132, 0.3285,
0.3158

0.0000, 0.0000,
0.0000

46.3283, 0.3424,
0.3044

46.3283, 0.3424,
0.3044

38.4352, 0.3595,
0.2935

55.6356, 0.3282,
0.3151

31.8803, 0.3800,
0.2829

66.4159, 0.3165,
0.3253

26.5899, 0.4040,
0.2733

78.7319, 0.3070,
0.3349

22.4805, 0.4314,
0.2659

92.6412, 0.2991,
0.3437

19.4586, 0.4612,
0.2620

93.6971, 0.2920,
0.3306

■ 17.4161, 0.4921,
0.2627

■ 93.8038, 0.2912,
0.3289

■ 16.2223, 0.5218,
0.2687

■ 15.7732, 0.5393,
0.2744

Harmonies

Analogous

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



46.3283, 0.3106, 0.2857



46.3283, 0.3424, 0.3044



46.3283, 0.3668, 0.3293

Triad

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



46.3283, 0.3424, 0.3044



46.3283, 0.3434, 0.3856



46.3283, 0.2534, 0.2979

Complementary

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



46.3283, 0.3424, 0.3044



62.9705, 0.2902, 0.3551

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.



46.3283, 0.2612, 0.3249



46.3283, 0.3424, 0.3044



46.3283, 0.3123, 0.3781

Square

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



46.3283, 0.3424, 0.3044



46.3283, 0.3670, 0.3763



46.3283, 0.2824, 0.3552



46.3283, 0.2603, 0.2811

Rectangle

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



46.3283, 0.3424, 0.3044



46.3283, 0.3748, 0.3469



46.3283, 0.2824, 0.3552



46.3283, 0.2544, 0.3060

Sweetspot

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



46.3304, 0.3424, 0.3044



88.4679, 0.3201, 0.3220



44.6700, 0.2970, 0.2668



18.7337, 0.3208, 0.3214



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.



46.3304, 0.3424, 0.3044



59.0242, 0.3514, 0.2984



47.1061, 0.3607, 0.3343



13.1381, 0.3229, 0.3196



9.3708, 0.5354, 0.2723



0.6239, 0.4925, 0.2487

Inverse Universe

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



46.3304, 0.3424, 0.3044



59.0242, 0.3514, 0.2984



61.7734, 0.2774, 0.3236



13.1381, 0.3229, 0.3196



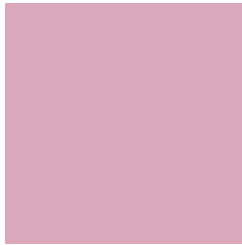
9.3708, 0.5354, 0.2723



0.6239, 0.4925, 0.2487

Previews

White Background



This preview shows how the Yxy color 46.3283, 0.3424, 0.3044 looks on a white background.

Color Contrast Check

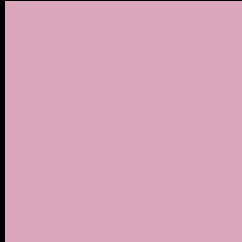
Large Text (above 18pt) WCAG AA × Fail

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 46.3283, 0.3424, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

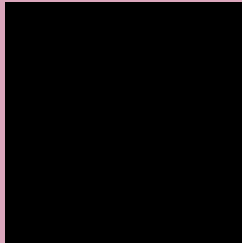
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3283, 0.3424, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 46.3283, 0.3424, 0.3044.



This preview shows how white text looks on a background with the Yxy color 46.3283, 0.3424, 0.3044.

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

46.3283, 0.3424, 0.3044

Protanopia

46.4518, 0.3011, 0.3085

Deuteranopia

46.4662, 0.3230, 0.3165



Tritanopia

46.2469, 0.3476, 0.3137

Trichromacy



Original Color

46.3283, 0.3424, 0.3044

Protanomaly

46.1123, 0.3155, 0.3065

Deuteranomaly

46.4541, 0.3296, 0.3119

Tritanomaly

46.3714, 0.3449, 0.3101

Monochromacy



Original Color

46.3283, 0.3424, 0.3044

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.2563, 0.3228, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3283, 0.3424, 0.3044 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(219, 167, 188)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 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(219, 167, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 188) }
```

Border

The CSS property to change the border of an element to Yxy 46.3283, 0.3424, 0.3044 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(219, 167, 188) }
```

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

```
.border{ border-color:rgb(219, 167, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 167, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 167, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 167, 188);  
box-shadow:4px 4px 4px 4px rgb(219, 167,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3283, 0.3424, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 188) }
```

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

```
.background{ background-color: rgb(219,  
167, 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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