

Converting Colors

$Yxy(44.8904, 0.3274, 0.2973)$

Have a look what the booklet for
Yxy(44.8904, 0.3274, 0.2973)
contains.

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Color

Yxy(44.8976, 0.3278, 0.2976)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D0A7C1 |
| RGB | 208, 167, 193 |
| RGB Percent | 82%, 65%, 76% |
| CMY | 0.1844, 0.3451, 0.2431 |
| CMYK | 0.00, 0.20, 0.07, 0.18 |
| HSL | 322°, 30%, 74% |
| HSV | 322°, 20%, 82% |
| XYZ | 49.4537, 44.8976, 56.5143 |
| YIQ | 182.2230, 16.0900, 16.7780 |

Conversions

Conversions Part 2

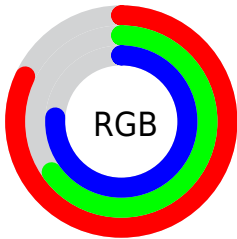
| Format | Color |
|-------------------------------------|---|
| RYB | 208, 167, 193 |
| Decimal | 13674433 |
| CIELab | 72.82, 19.29, -7.58 |
| CIELCh | 73, 20.726, 338.535 |
| Yxy | 44.8976, 0.3278, 0.2976 |
| Android (android.graphics.Color) | 4291864513 (0xFFD0A7C1) |
| YUV | 182.2230, 5.3131, 22.6064 |
| Hunter-Lab | 67.0057, 14.4825, -3.1027 |

Details

The Yxy color $44.8976, 0.3278, 0.2976$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $56.6979, 0.3002, 0.3626$, and the grayscale version is $46.8714, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3421, 0.3181, 0.3026$, and $20.8979, 0.3322, 0.2901$ is the 20% darker color. If you saturate the color by 10%, you get $37.5508, 0.3376, 0.2809$, and if you desaturate by 10%, it is $53.4914, 0.3195, 0.3139$.

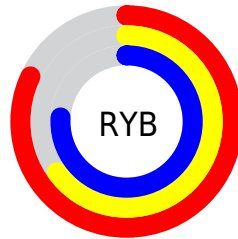
Distribution



Red (82%)

Green (65%)

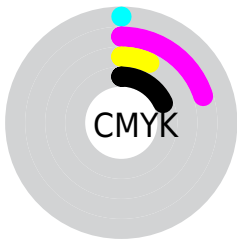
Blue (76%)



Red (82%)

Yellow (65%)

Blue (76%)

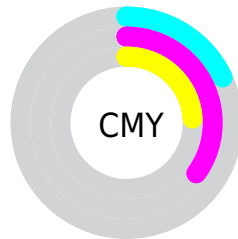


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (18%)



Cyan (18%)


Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8976, 0.3278, 0.2976 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 44.8976, 0.3278, 0.2976 by changing the saturation by 10% instead.

 44.8976, 0.3278,
0.2976

 44.8976, 0.3278,
0.2976

366.3587, 0.3204,
0.3130

 31.3768, 0.3296,
0.2938


 82.5667, 0.3251,
0.3031

 20.8859, 0.3319,
0.2891


 107.4838, 0.3241,
0.3052

 13.0406, 0.3349,
0.2828


136.9685, 0.3233,
0.3070

 7.4565, 0.3391,
0.2742

171.4050, 0.3225,
0.3085

 3.7492, 0.3451,
0.2617

211.1780, 0.3219,
0.3099

 1.5343, 0.3546,
0.2420

256.6716, 0.3213,

 0.3127, 0.3936,

0.3110

0.1602

308.2704, 0.3208,
0.3121

0.0000, 0.0000,
0.0000

44.8976, 0.3278,
0.2976

44.8976, 0.3278,
0.2976

37.5508, 0.3376,
0.2809

53.4914, 0.3195,
0.3139

31.3862, 0.3489,
0.2644

63.3809, 0.3125,
0.3295

26.3423, 0.3619,
0.2489

74.6197, 0.3067,
0.3441

22.3497, 0.3763,
0.2353

87.2565, 0.3018,
0.3577

19.3309, 0.3919,
0.2248

90.6985, 0.2976,
0.3543

■ 17.1979, 0.4083,
0.2185

■ 91.1376, 0.2935,
0.3461

■ 15.8466, 0.4247,
0.2171

■ 91.5956, 0.2895,
0.3380

■ 15.0920, 0.4408,
0.2203

■ 92.0727, 0.2855,
0.3301

■ 15.0722, 0.4413,
0.2204

■ 92.1477, 0.2849,
0.3289

Harmonies

Analogous

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



44.8976, 0.2981, 0.2839



44.8976, 0.3278, 0.2976



44.8976, 0.3544, 0.3189

Triad

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



44.8976, 0.3278, 0.2976



44.8976, 0.3520, 0.3795



44.8976, 0.2590, 0.3103

Complementary

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



44.8976, 0.3278, 0.2976



56.6979, 0.3002, 0.3626

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.



44.8976, 0.2721, 0.3377



44.8976, 0.3278, 0.2976



44.8976, 0.3253, 0.3794

Square

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



44.8976, 0.3278, 0.2976



44.8976, 0.3686, 0.3656



44.8976, 0.2961, 0.3638



44.8976, 0.2595, 0.2899

Rectangle

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



44.8976, 0.3278, 0.2976



44.8976, 0.3662, 0.3352



44.8976, 0.2961, 0.3638



44.8976, 0.2619, 0.3190

Sweetspot

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



44.8996, 0.3278, 0.2976



90.2686, 0.3168, 0.3196



42.0611, 0.2920, 0.2770



19.1045, 0.3173, 0.3186



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.



44.8996, 0.3278, 0.2976



65.6165, 0.3321, 0.2900



44.0723, 0.3457, 0.3215



11.9327, 0.3193, 0.3144



9.4146, 0.4391, 0.2193



0.5414, 0.4119, 0.2043

Inverse Universe

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



44.8996, 0.3278, 0.2976



65.6165, 0.3321, 0.2900



57.5775, 0.2873, 0.3367



11.9327, 0.3193, 0.3144



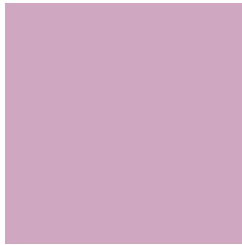
9.4146, 0.4391, 0.2193



0.5414, 0.4119, 0.2043

Previews

White Background



This preview shows how the Yxy color 44.8976, 0.3278, 0.2976 looks on a white background.

Color Contrast Check

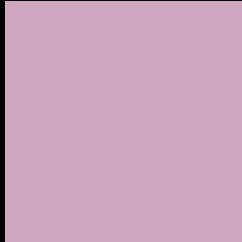
Large Text (above 18pt) WCAG AA × Fail

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 44.8976, 0.3278, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

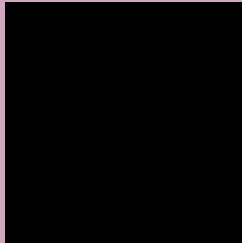
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8976, 0.3278, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 44.8976, 0.3278, 0.2976.



This preview shows how white text looks on a background with the Yxy color 44.8976, 0.3278, 0.2976.

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

44.8976, 0.3278, 0.2976

Protanopia

45.2410, 0.2940, 0.3005

Deuteranopia

45.0250, 0.3120, 0.3062



Tritanopia

45.0187, 0.3364, 0.3131

Trichromacy



Original Color

44.8976, 0.3278, 0.2976

Protanomaly

44.9947, 0.3063, 0.2999

Deuteranomaly

44.8019, 0.3184, 0.3028

Tritanomaly

44.8158, 0.3330, 0.3070

Monochromacy



Original Color

44.8976, 0.3278, 0.2976

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0658, 0.3176, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8976, 0.3278, 0.2976 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(208, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(208, 167, 193)  
}
```

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(208, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 167, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.8976, 0.3278, 0.2976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

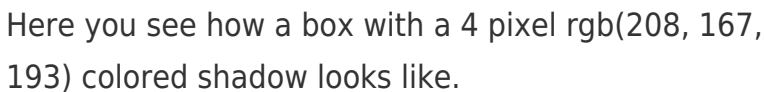
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 167, 193) }
```

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

```
.border{ border-color:rgb(208, 167, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 167, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 167, 193); box-shadow:4px 4px 4px 4px rgb(208, 167, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8976, 0.3278, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 167, 193) }
```

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

```
.background{ background-color: rgb(208,  
167, 193) }
```

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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