

Converting Colors

$Yxy(49.0986, 0.3309, 0.3374)$

Have a look what the booklet for
Yxy(49.0986, 0.3309, 0.3374)
contains.

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Color

Yxy(49.0073, 0.3313, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	C6B7B0
RGB	198, 183, 176
RGB Percent	78%, 72%, 69%
CMY	0.2234, 0.2824, 0.3098
CMYK	0.00, 0.08, 0.11, 0.22
HSL	19°, 16%, 73%
HSV	19°, 11%, 78%
XYZ	48.0643, 49.0073, 48.0063
YIQ	186.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

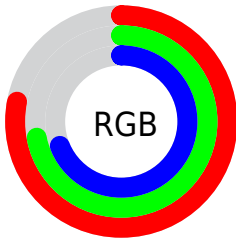
Format	Color
RYB	198, 186, 176
Decimal	13023152
CIELab	75.46, 4.14, 5.46
CIElCh	75, 6.855, 52.811
Yxy	49.0073, 0.3313, 0.3378
Android (android.graphics.Color)	4291213232 (0xFFC6B7B0)
YUV	186.6870, -5.2687, 9.9215
Hunter-Lab	70.0052, 0.0457, 8.3454

Details

The Yxy color **49.0073, 0.3313, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5899, 0.2957, 0.3200**, and the grayscale version is **49.5370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8192, 0.3278, 0.3359**, and **23.3498, 0.3359, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **42.9697, 0.3512, 0.3462**, and if you desaturate by 10%, it is **55.6994, 0.3144, 0.3299**.

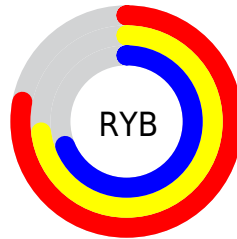
Distribution



Red (78%)

Green (72%)

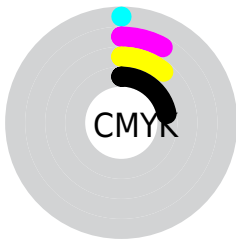
Blue (69%)



Red (78%)

Yellow (73%)

Blue (69%)

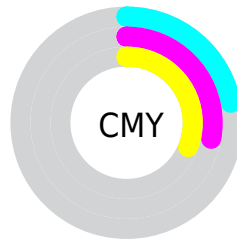


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0073, 0.3313, 0.3378 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 49.0073, 0.3313, 0.3378 by changing the saturation by 10% instead.

 49.0073, 0.3313,
0.3378

 49.0073, 0.3313,
0.3378


382.7711, 0.3221,
0.3335

 34.6253, 0.3336,
0.3388


 88.7023, 0.3279,
0.3363

 23.3744, 0.3365,
0.3402

114.7841, 0.3267,
0.3357

 14.8702, 0.3405,
0.3419


145.5345, 0.3256,
0.3352

 8.7283, 0.3459,
0.3443

181.3381, 0.3247,
0.3348

 4.5644, 0.3540,
0.3477

222.5791, 0.3239,
0.3344

 1.9940, 0.3673,
0.3531

269.6420, 0.3232,

 0.6040, 0.4342,

0.3341

0.3884

322.9112, 0.3226,
0.3338

0.0000, 0.0000,
0.0000

49.0073, 0.3313,
0.3378

49.0073, 0.3313,
0.3378

42.9697, 0.3512,
0.3462

55.6994, 0.3144,
0.3299

37.5601, 0.3747,
0.3550

63.0587, 0.3002,
0.3225

32.7597, 0.4020,
0.3636

71.1053, 0.2881,
0.3157

28.5463, 0.4331,
0.3715

79.8427, 0.2780,
0.3098

24.8963, 0.4675,
0.3777

87.9729, 0.2791,
0.3243

■ 21.7842, 0.5036,
0.3812

■ 90.7492, 0.2795,
0.3289

■ 19.1826, 0.5389,
0.3807

■ 17.0608, 0.5700,
0.3754

■ 15.5442, 0.5927,
0.3676

Harmonies

Analogous

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



49.0073, 0.3288, 0.3299



49.0073, 0.3313, 0.3378



49.0073, 0.3287, 0.3436

Triad

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



49.0073, 0.3313, 0.3378



49.0073, 0.3034, 0.3363



49.0073, 0.3036, 0.3130

Complementary

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



49.0073, 0.3313, 0.3378



50.5899, 0.2957, 0.3200

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.



49.0073, 0.2969, 0.3144



49.0073, 0.3313, 0.3378



49.0073, 0.2969, 0.3278

Square

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



49.0073, 0.3313, 0.3378



49.0073, 0.3125, 0.3428



49.0073, 0.2945, 0.3198



49.0073, 0.3127, 0.3157

Rectangle

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



49.0073, 0.3313, 0.3378



49.0073, 0.3245, 0.3453



49.0073, 0.2945, 0.3198



49.0073, 0.3010, 0.3130

Sweetspot

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



49.0095, 0.3313, 0.3378



96.2296, 0.3175, 0.3313



46.8288, 0.3197, 0.3104



20.3854, 0.3188, 0.3320



0.0000, 0.0000, 0.0000



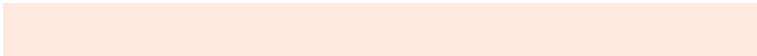
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.0095, 0.3313, 0.3378



84.4455, 0.3352, 0.3395



53.7232, 0.3297, 0.3513



11.1770, 0.3282, 0.3364



10.2433, 0.5903, 0.3695



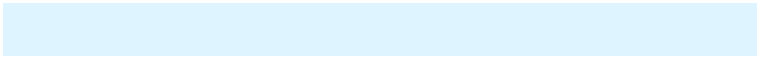
0.6166, 0.5487, 0.4025

Inverse Universe

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



50.5899, 0.2957, 0.3200



87.7188, 0.2925, 0.3182



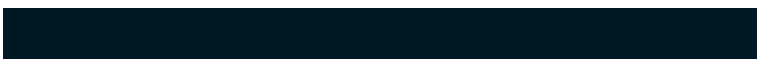
45.9720, 0.2955, 0.3057



11.4781, 0.2984, 0.3215



14.1140, 0.1953, 0.2230



0.7944, 0.2021, 0.2477

Previews

White Background



This preview shows how the Yxy color 49.0073, 0.3313, 0.3378 looks on a white background.

Color Contrast Check

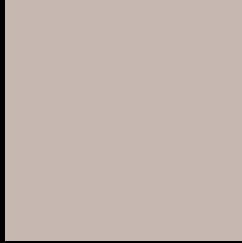
Large Text (above 18pt) WCAG AA × Fail

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 49.0073, 0.3313, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

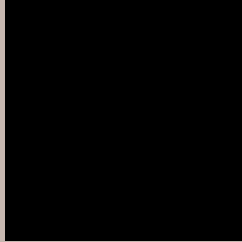
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0073, 0.3313, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 49.0073, 0.3313, 0.3378.



This preview shows how white text looks on a background with the Yxy color 49.0073, 0.3313, 0.3378.

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

49.0073, 0.3313, 0.3378

Protanopia

48.9486, 0.3241, 0.3392

Deuteranopia

49.0822, 0.3389, 0.3327



Tritanopia

48.9551, 0.3195, 0.3119

Trichromacy



Original Color

49.0073, 0.3313, 0.3378

Protanomaly

48.9246, 0.3268, 0.3379

Deuteranomaly

49.0594, 0.3361, 0.3340

Tritanomaly

48.9150, 0.3242, 0.3216

Monochromacy



Original Color

49.0073, 0.3313, 0.3378

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6131, 0.3193, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0073, 0.3313, 0.3378 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(198, 183, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 176)  
}
```

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(198, 183, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 176) }
```

Border

The CSS property to change the border of an element to Yxy 49.0073, 0.3313, 0.3378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

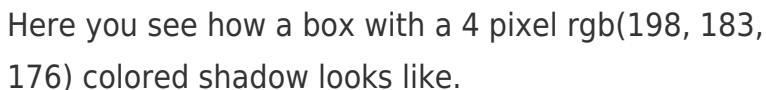
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 183, 176) }
```

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

```
.border{ border-color:rgb(198, 183, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 183, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 183, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 183, 176); box-shadow:4px 4px 4px 4px rgb(198, 183, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0073, 0.3313, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 176) }
```

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

```
.background{ background-color: rgb(198,  
183, 176) }
```

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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