

Converting Colors

$Y_{xy}(49.9703, 0.3275, 0.3183)$

Have a look what the booklet for
Yxy(49.9703, 0.3275, 0.3183)
contains.

Yxy(50.0309, 0.3279, 0.3182)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.0309, 0.3279, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	CFB5BE
RGB	207, 181, 190
RGB Percent	81%, 71%, 75%
CMY	0.1881, 0.2902, 0.2550
CMYK	0.00, 0.13, 0.08, 0.19
HSL	339°, 21%, 76%
HSV	339°, 13%, 81%
XYZ	51.5560, 50.0309, 55.6440
YIQ	189.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

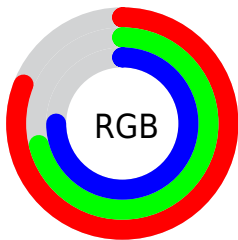
Format	Color
R _Y B	207, 181, 190
Decimal	13612478
CIE Lab	76.09, 10.84, -1.13
CIE LCh	76, 10.898, 354.061
Yxy	50.0309, 0.3279, 0.3182
Android (android.graphics.Color)	4291802558 (0xFFCFB5BE)
YUV	189.8000, 0.0986, 15.0844
Hunter-Lab	70.7325, 6.3245, 2.8704

Details

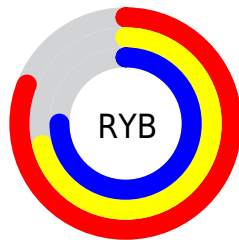
The Yxy color $50.0309, 0.3279, 0.3182$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.5460, 0.2996, 0.3401$, and the grayscale version is $51.3682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4822, 0.3191, 0.3203$, and $24.0168, 0.3323, 0.3145$ is the 20% darker color. If you saturate the color by 10%, you get $41.6646, 0.3430, 0.3091$, and if you desaturate by 10%, it is $59.7078, 0.3155, 0.3269$.

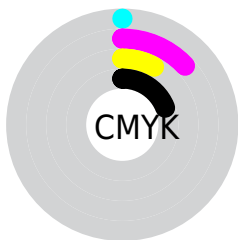
Distribution



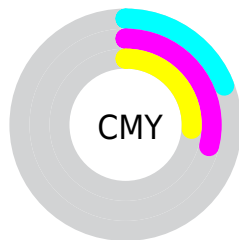
- Red (81%)
- Green (71%)
- Blue (75%)



- Red (81%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0309, 0.3279, 0.3182 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 50.0309, 0.3279, 0.3182 by changing the saturation by 10% instead.

 50.0309, 0.3279,
0.3182

 50.0309, 0.3279,
0.3182


386.7868, 0.3204,
0.3235

 35.4380, 0.3297,
0.3169


 90.2207, 0.3252,
0.3201

 24.0004, 0.3321,
0.3152


116.5863, 0.3242,
0.3208

 15.3339, 0.3352,
0.3131


147.6449, 0.3233,
0.3215

 9.0541, 0.3395,
0.3101

183.7809, 0.3226,
0.3220

 4.7765, 0.3458,
0.3057

225.3787, 0.3219,
0.3224

 2.1167, 0.3559,
0.2986

272.8226, 0.3214,

 0.6740, 0.3789,

0.3228

0.2816

326.4972, 0.3209,
0.3232

0.0000, 0.0000,
0.0000

50.0309, 0.3279,
0.3182

50.0309, 0.3279,
0.3182

41.6646, 0.3430,
0.3091

59.7078, 0.3155,
0.3269

34.5459, 0.3614,
0.2997

70.7418, 0.3054,
0.3349

28.6164, 0.3836,
0.2906

83.1852, 0.2971,
0.3423

23.8102, 0.4097,
0.2823

91.3354, 0.2900,
0.3402

20.0552, 0.4397,
0.2760

92.0107, 0.2844,
0.3289

■ 17.2707, 0.4727,
0.2727

■ 15.3642, 0.5069,
0.2738

■ 14.2246, 0.5395,
0.2798

■ 13.7315, 0.5615,
0.2867

Harmonies

Analogous

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



50.0309, 0.3133, 0.3085



50.0309, 0.3279, 0.3182



50.0309, 0.3386, 0.3307

Triad

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



50.0309, 0.3279, 0.3182



50.0309, 0.3264, 0.3552



50.0309, 0.2841, 0.3139

Complementary

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



50.0309, 0.3279, 0.3182



58.5460, 0.2996, 0.3401

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.



50.0309, 0.2875, 0.3264



50.0309, 0.3279, 0.3182



50.0309, 0.3116, 0.3508

Square

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



50.0309, 0.3279, 0.3182



50.0309, 0.3376, 0.3522



50.0309, 0.2975, 0.3401



50.0309, 0.2882, 0.3058

Rectangle

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



50.0309, 0.3279, 0.3182



50.0309, 0.3419, 0.3392



50.0309, 0.2975, 0.3401



50.0309, 0.2844, 0.3177

Sweetspot

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



50.0331, 0.3279, 0.3182



93.2411, 0.3172, 0.3256



49.5474, 0.3066, 0.2975



19.6939, 0.3181, 0.3250



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.



50.0331, 0.3279, 0.3182



76.4674, 0.3316, 0.3159



51.2631, 0.3348, 0.3338



11.8746, 0.3237, 0.3210



8.6642, 0.5579, 0.2847



0.4992, 0.5062, 0.2562

Inverse Universe

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



50.0331, 0.3279, 0.3182



76.4674, 0.3316, 0.3159



57.1033, 0.2935, 0.3241



11.8746, 0.3237, 0.3210



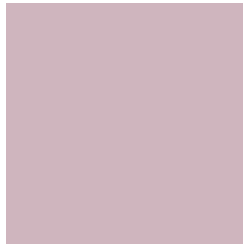
8.6642, 0.5579, 0.2847



0.4992, 0.5062, 0.2562

Previews

White Background



This preview shows how the Yxy color 50.0309, 0.3279, 0.3182 looks on a white background.

Color Contrast Check

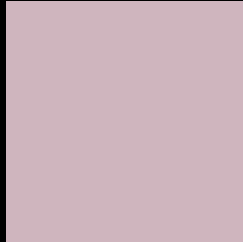
Large Text (above 18pt) WCAG AA × Fail

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 50.0309, 0.3279, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

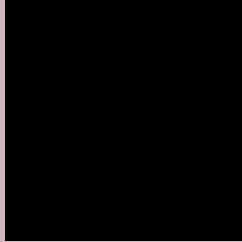
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0309, 0.3279, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 50.0309, 0.3279, 0.3182.



This preview shows how white text looks on a background with the Yxy color 50.0309, 0.3279, 0.3182.

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

50.0309, 0.3279, 0.3182

Protanopia

50.2097, 0.3098, 0.3215

Deuteranopia

50.1527, 0.3260, 0.3193



Tritanopia

49.9475, 0.3255, 0.3123

Trichromacy



Original Color

50.0309, 0.3279, 0.3182

Protanomaly

50.2395, 0.3165, 0.3204

Deuteranomaly

50.2954, 0.3269, 0.3194

Tritanomaly

49.9027, 0.3264, 0.3134

Monochromacy



Original Color

50.0309, 0.3279, 0.3182

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.9941, 0.3179, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0309, 0.3279, 0.3182 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(207, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 190)  
}
```

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(207, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.0309, 0.3279, 0.3182 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(207, 181, 190) }
```

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

```
.border{ border-color:rgb(207, 181, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(207, 181,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0309, 0.3279, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 190) }
```

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

```
.background{ background-color: rgb(207,  
181, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor