

Converting Colors

$Yxy(49.0407, 0.3302, 0.3291)$

Have a look what the booklet for
Yxy(49.0407, 0.3302, 0.3291)
contains.

Yxy(48.9405, 0.3309, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.9405, 0.3309, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	CAB5B5
RGB	202, 181, 181
RGB Percent	79%, 71%, 71%
CMY	0.2081, 0.2901, 0.2902
CMYK	0.00, 0.10, 0.10, 0.21
HSL	0°, 16%, 75%
HSV	0°, 10%, 79%
XYZ	49.2082, 48.9405, 50.5614
YIQ	187.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

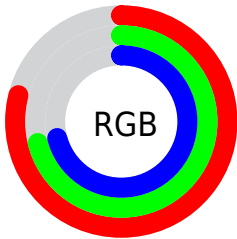
Format	Color
RYB	202, 181, 181
Decimal	13284789
CIELab	75.41, 7.46, 2.74
CIELCh	75, 7.944, 20.140
Yxy	48.9405, 0.3309, 0.3291
Android (android.graphics.Color)	4291474869 (0xFFCAB5B5)
YUV	187.2790, -3.0955, 12.9103
Hunter-Lab	69.9575, 3.1315, 6.1187

Details

The Yxy color **48.9405, 0.3309, 0.3291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2781, 0.2969, 0.3289**, and the grayscale version is **49.8695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9428, 0.3248, 0.3290**, and **23.2928, 0.3366, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **40.5589, 0.3529, 0.3292**, and if you desaturate by 10%, it is **58.6324, 0.3133, 0.3290**.

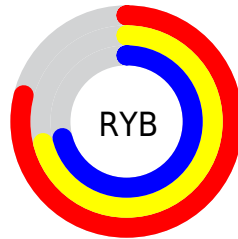
Distribution



Red (79%)

Green (71%)

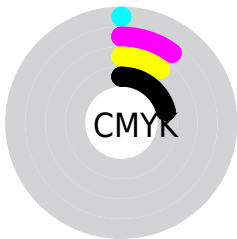
Blue (71%)



Red (79%)

Yellow (71%)

Blue (71%)

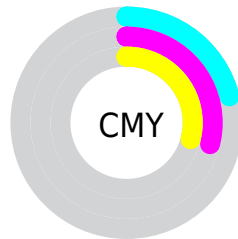


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (21%)



Cyan (21%)


Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9405, 0.3309, 0.3291 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 48.9405, 0.3309, 0.3291 by changing the saturation by 10% instead.


 48.9405, 0.3309,
0.3291

 48.9405, 0.3309,
0.3291

382.5080, 0.3219,
0.3291

 34.5723, 0.3331,
0.3291

 88.6031, 0.3276,
0.3291

 23.3336, 0.3360,
0.3290

114.6662, 0.3264,
0.3291

 14.8400, 0.3399,
0.3290


145.3965, 0.3253,
0.3291

 8.7072, 0.3452,
0.3289

181.1782, 0.3244,
0.3291

 4.5507, 0.3531,
0.3286

222.3959, 0.3237,
0.3291

 1.9861, 0.3662,
0.3280

269.4338, 0.3230,

 0.5994, 0.4148,

0.3291

0.3307

322.6764, 0.3224,
0.3291

0.0000, 0.0000,
0.0000

48.9405, 0.3309,
0.3291

48.9405, 0.3309,
0.3291

40.5589, 0.3529,
0.3292

58.6324, 0.3133,
0.3290

33.4254, 0.3804,
0.3294

69.6806, 0.2992,
0.3289

27.4822, 0.4141,
0.3295

82.1368, 0.2879,
0.3288

22.6645, 0.4545,
0.3297

91.2882, 0.2816,
0.3289

18.9015, 0.5004,
0.3298

■ 16.1141, 0.5482,
0.3300

■ 14.2123, 0.5916,
0.3300

■ 13.0894, 0.6230,
0.3301

■ 12.5566, 0.6400,
0.3301

Harmonies

Analogous

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



48.9405, 0.3226, 0.3199



48.9405, 0.3309, 0.3291



48.9405, 0.3343, 0.3384

Triad

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



48.9405, 0.3309, 0.3291



48.9405, 0.3134, 0.3456



48.9405, 0.2940, 0.3125

Complementary

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



48.9405, 0.3309, 0.3291



56.2781, 0.2969, 0.3289

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.



48.9405, 0.2916, 0.3191



48.9405, 0.3309, 0.3291



48.9405, 0.3028, 0.3383

Square

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



48.9405, 0.3309, 0.3291



48.9405, 0.3241, 0.3482



48.9405, 0.2948, 0.3285



48.9405, 0.3013, 0.3104

Rectangle

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



48.9405, 0.3309, 0.3291



48.9405, 0.3332, 0.3435



48.9405, 0.2948, 0.3285



48.9405, 0.2926, 0.3142

Sweetspot

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



48.9427, 0.3309, 0.3291



94.7417, 0.3176, 0.3290



49.8523, 0.3139, 0.3038



19.9855, 0.3190, 0.3290



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.



48.9427, 0.3309, 0.3291



80.2214, 0.3345, 0.3291



53.3481, 0.3294, 0.3419



11.2170, 0.3290, 0.3291



8.0868, 0.6399, 0.3301



0.4184, 0.6394, 0.3305

Inverse Universe

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



56.2781, 0.2969, 0.3289



94.6142, 0.2943, 0.3289



51.5479, 0.2968, 0.3158



12.7233, 0.2984, 0.3289



29.8116, 0.2245, 0.3282



1.5392, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 48.9405, 0.3309, 0.3291 looks on a white background.

Color Contrast Check

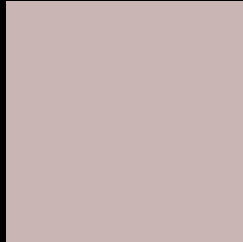
Large Text (above 18pt) WCAG AA × Fail

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 48.9405, 0.3309, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

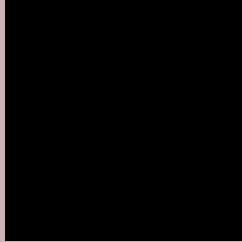
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9405, 0.3309, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 48.9405, 0.3309, 0.3291.



This preview shows how white text looks on a background with the Yxy color 48.9405, 0.3309, 0.3291.

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

48.9405, 0.3309, 0.3291

Protanopia

49.0640, 0.3185, 0.3316

Deuteranopia

48.9578, 0.3337, 0.3278



Tritanopia

48.9278, 0.3230, 0.3120

Trichromacy



Original Color

48.9405, 0.3309, 0.3291

Protanomaly

49.1277, 0.3228, 0.3315

Deuteranomaly

48.8161, 0.3329, 0.3278

Tritanomaly

49.0131, 0.3253, 0.3180

Monochromacy



Original Color

48.9405, 0.3309, 0.3291

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4072, 0.3186, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9405, 0.3309, 0.3291 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(202, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(202, 181, 181)  
}
```

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(202, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 181, 181) }
```

Border

The CSS property to change the border of an element to Yxy 48.9405, 0.3309, 0.3291 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(202, 181, 181) }
```

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

```
.border{ border-color:rgb(202, 181, 181) }
```

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

Here you see how a box with a 4 pixel rgb(202, 181, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(202, 181,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9405, 0.3309, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 181, 181) }
```

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

```
.background{ background-color: rgb(202,  
181, 181) }
```

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