

Converting Colors

$Y_{xy}(49.5065, 0.3210, 0.3494)$

Have a look what the booklet for
Yxy(49.5065, 0.3210, 0.3494)
contains.

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Color

Yxy(49.6027, 0.3209, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	B8BDAD
RGB	184, 189, 173
RGB Percent	72%, 74%, 68%
CMY	0.2784, 0.2588, 0.3217
CMYK	0.03, 0.00, 0.08, 0.26
HSL	79°, 11%, 71%
HSV	79°, 8%, 74%
XYZ	45.5046, 49.6027, 46.6957
YIQ	185.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

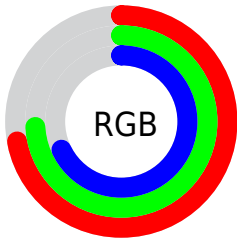
Format	Color
RYB	173, 189, 178
Decimal	12107181
CIELab	75.82, -4.65, 7.50
CIELCh	76, 8.819, 121.801
Yxy	49.6027, 0.3209, 0.3498
Android (android.graphics.Color)	4290297261 (0xFFB8BDAD)
YUV	185.6810, -6.2517, -1.4742
Hunter-Lab	70.4292, -7.9215, 9.9902

Details

The Yxy color **49.6027, 0.3209, 0.3498** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0135, 0.3041, 0.3079**, and the grayscale version is **48.9496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4315, 0.3197, 0.3462**, and **23.8141, 0.3227, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **48.2100, 0.3306, 0.3758**, and if you desaturate by 10%, it is **51.1336, 0.3113, 0.3254**.

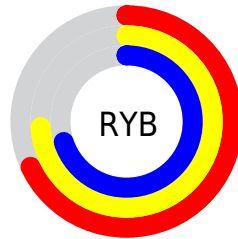
Distribution



Red (72%)

Green (74%)

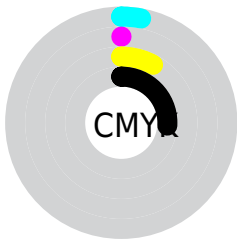
Blue (68%)



Red (68%)

Yellow (74%)

Blue (70%)

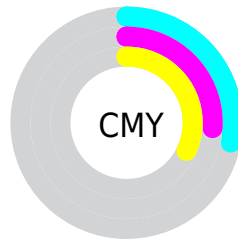


Cyan (3%)

Magenta (0%)

Yellow (8%)

Black (26%)



Cyan (28%)

Magenta (26%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.6027, 0.3209, 0.3498 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 49.6027, 0.3209, 0.3498 by changing the saturation by 10% instead.

■ 49.6027, 0.3209,
0.3498

■ 49.6027, 0.3209,
0.3498

385.1102, 0.3169,
0.3394

■ 35.0978, 0.3219,
0.3524

■ 89.5859, 0.3195,
0.3460

■ 23.7382, 0.3231,
0.3557

115.8331, 0.3189,
0.3446

■ 15.1396, 0.3247,
0.3602

146.7631, 0.3185,
0.3434

■ 8.9174, 0.3269,
0.3664

182.7604, 0.3181,
0.3424

■ 4.6873, 0.3301,
0.3756

224.2094, 0.3177,
0.3415

■ 2.0650, 0.3351,
0.3909

271.4944, 0.3174,

■ 0.6448, 0.3777,

0.3407

0.4876

324.9999, 0.3171,
0.3400

0.0000, 0.0000,
0.0000

49.6027, 0.3209,
0.3498

49.6027, 0.3209,
0.3498

48.2100, 0.3306,
0.3758

51.1336, 0.3113,
0.3254

46.9445, 0.3401,
0.4028

52.8008, 0.3020,
0.3029

45.8033, 0.3490,
0.4303

54.6106, 0.2931,
0.2822

44.7809, 0.3569,
0.4573

56.5669, 0.2848,
0.2635

43.8716, 0.3631,
0.4826

57.8439, 0.2849,
0.2581

■ 43.0689, 0.3673,
0.5051

■ 58.7462, 0.2892,
0.2590

■ 42.3655, 0.3691,
0.5237

■ 59.6810, 0.2935,
0.2599

■ 41.7531, 0.3685,
0.5376

■ 60.6486, 0.2979,
0.2607

■ 41.2179, 0.3656,
0.5470

■ 61.6494, 0.3023,
0.2616

Harmonies

Analogous

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



49.6027, 0.3310, 0.3490



49.6027, 0.3209, 0.3498



49.6027, 0.3087, 0.3447

Triad

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



49.6027, 0.3209, 0.3498



49.6027, 0.2897, 0.3147



49.6027, 0.3277, 0.3227

Complementary

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



49.6027, 0.3209, 0.3498



43.0135, 0.3041, 0.3079

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.



49.6027, 0.3164, 0.3140



49.6027, 0.3209, 0.3498



49.6027, 0.2946, 0.3093

Square

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



49.6027, 0.3209, 0.3498



49.6027, 0.2909, 0.3241



49.6027, 0.3043, 0.3091



49.6027, 0.3350, 0.3332

Rectangle

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



49.6027, 0.3209, 0.3498



49.6027, 0.3011, 0.3387



49.6027, 0.3043, 0.3091



49.6027, 0.3242, 0.3195

Sweetspot

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



49.6049, 0.3209, 0.3498



90.2917, 0.3156, 0.3363



45.5902, 0.3266, 0.3353



19.3693, 0.3164, 0.3383



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



49.6049, 0.3209, 0.3498



88.3986, 0.3225, 0.3541



48.6658, 0.3144, 0.3502



10.9669, 0.3217, 0.3520



27.7199, 0.3658, 0.5477



1.1191, 0.3791, 0.5372

Inverse Universe

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



43.0135, 0.3041, 0.3079



74.4239, 0.3022, 0.3035



43.9648, 0.3109, 0.3083



9.3661, 0.3031, 0.3056



3.1351, 0.1728, 0.0726



0.1585, 0.2009, 0.0880

Previews

White Background



This preview shows how the Yxy color 49.6027, 0.3209, 0.3498 looks on a white background.

Color Contrast Check

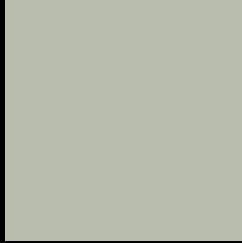
Large Text (above 18pt) WCAG AA × Fail

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 49.6027, 0.3209, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

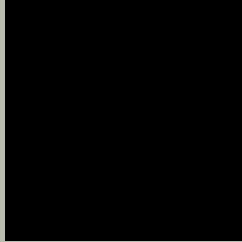
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

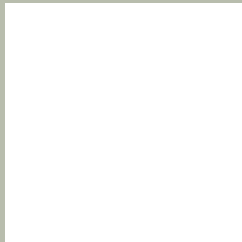
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.6027, 0.3209, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 49.6027, 0.3209, 0.3498.



This preview shows how white text looks on a background with the Yxy color 49.6027, 0.3209, 0.3498.

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

49.6027, 0.3209, 0.3498

Protanopia

49.5274, 0.3314, 0.3481

Deuteranopia

49.2930, 0.3424, 0.3352



Tritanopia

49.5594, 0.3037, 0.3103

Trichromacy



Original Color

49.6027, 0.3209, 0.3498

Protanomaly

49.4664, 0.3270, 0.3482

Deuteranomaly

49.2023, 0.3347, 0.3403

Tritanomaly

49.4003, 0.3105, 0.3239

Monochromacy



Original Color

49.6027, 0.3209, 0.3498

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1911, 0.3157, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6027, 0.3209, 0.3498 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(184, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 189, 173)  
}
```

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(184, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 189, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.6027, 0.3209, 0.3498 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(184, 189, 173) }
```

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

```
.border{ border-color:rgb(184, 189, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 189,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6027, 0.3209, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 189, 173) }
```

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

```
.background{ background-color: rgb(184,  
189, 173) }
```

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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