

Converting Colors

$Y_{xy}(49.1297, 0.3364, 0.3558)$

Have a look what the booklet for
Yxy(49.1297, 0.3364, 0.3558)
contains.

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Color

Yxy(49.3038, 0.3363, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	C2BAA5
RGB	194, 186, 165
RGB Percent	76%, 73%, 65%
CMY	0.2392, 0.2706, 0.3529
CMYK	0.00, 0.04, 0.15, 0.24
HSL	43°, 19%, 70%
HSV	43°, 15%, 76%
XYZ	46.6017, 49.3038, 42.6662
YIQ	185.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

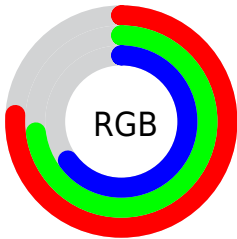
Format	Color
RYB	176, 194, 165
Decimal	12761765
CIELab	75.64, -0.73, 11.65
CIELCh	76, 11.669, 93.598
Yxy	49.3038, 0.3363, 0.3558
Android (android.graphics.Color)	4290951845 (0xFFC2BAA5)
YUV	185.9980, -10.3520, 7.0178
Hunter-Lab	70.2167, -4.4116, 13.1249

Details

The Yxy color **49.3038, 0.3363, 0.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7950, 0.2893, 0.3007**, and the grayscale version is **49.1583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1808, 0.3324, 0.3510**, and **23.5428, 0.3427, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **46.4358, 0.3538, 0.3745**, and if you desaturate by 10%, it is **52.3680, 0.3202, 0.3377**.

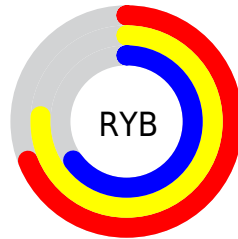
Distribution



Red (76%)

Green (73%)

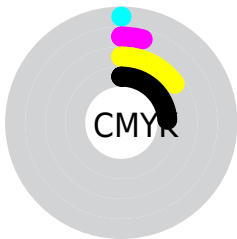
Blue (65%)



Red (69%)

Yellow (76%)

Blue (65%)

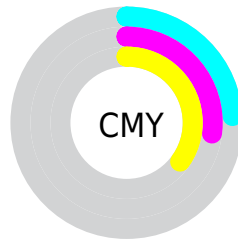


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3038, 0.3363, 0.3558 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 49.3038, 0.3363, 0.3558 by changing the saturation by 10% instead.


 49.3038, 0.3363,
0.3558


 49.3038, 0.3363,
0.3558

383.9371, 0.3246,
0.3425

 34.8605, 0.3392,
0.3591


 89.1425, 0.3321,
0.3510

 23.5555, 0.3428,
0.3633


 115.3067, 0.3305,
0.3492

 15.0042, 0.3477,
0.3688


146.1467, 0.3292,
0.3476

 8.8223, 0.3543,
0.3765

182.0469, 0.3280,
0.3463

 4.6255, 0.3640,
0.3877

223.3916, 0.3270,
0.3452

 2.0292, 0.3794,
0.4057

270.5653, 0.3261,

 0.6244, 0.4797,

0.3442

0.5203

323.9523, 0.3253,
0.3433

0.0000, 0.0000,
0.0000

49.3038, 0.3363,
0.3558

49.3038, 0.3363,
0.3558

46.4358, 0.3538,
0.3745

52.3680, 0.3202,
0.3377

43.7518, 0.3723,
0.3933

55.6274, 0.3055,
0.3204

41.2479, 0.3915,
0.4114

59.0893, 0.2922,
0.3043

38.9175, 0.4109,
0.4280

62.7584, 0.2802,
0.2893

36.7534, 0.4296,
0.4419

66.1790, 0.2734,
0.2825

■ 34.7476, 0.4468,
0.4522

■ 68.9169, 0.2739,
0.2886

■ 32.8912, 0.4615,
0.4580

■ 71.7447, 0.2744,
0.2946

■ 31.1732, 0.4733,
0.4590

■ 74.6633, 0.2749,
0.3006

■ 30.3467, 0.4785,
0.4583

■ 77.6735, 0.2754,
0.3065

Harmonies

Analogous

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



49.3038, 0.3438, 0.3478



49.3038, 0.3363, 0.3558



49.3038, 0.3225, 0.3566

Triad

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



49.3038, 0.3363, 0.3558



49.3038, 0.2836, 0.3216



49.3038, 0.3185, 0.3098

Complementary

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



49.3038, 0.3363, 0.3558



41.7950, 0.2893, 0.3007

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.



49.3038, 0.3024, 0.3030



49.3038, 0.3363, 0.3558



49.3038, 0.2826, 0.3093

Square

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



49.3038, 0.3363, 0.3558



49.3038, 0.2923, 0.3364



49.3038, 0.2893, 0.3027



49.3038, 0.3334, 0.3215

Rectangle

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



49.3038, 0.3363, 0.3558



49.3038, 0.3118, 0.3526



49.3038, 0.2893, 0.3027



49.3038, 0.3130, 0.3069

Sweetspot

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



49.3060, 0.3363, 0.3558



95.3717, 0.3188, 0.3361



41.4140, 0.3327, 0.3184



20.7890, 0.3200, 0.3375



0.0000, 0.0000, 0.0000



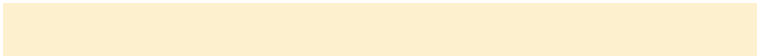
21.4041, 0.3127, 0.3290

Same Dimension

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



49.3060, 0.3363, 0.3558



87.5438, 0.3420, 0.3620



51.9622, 0.3295, 0.3662



11.2726, 0.3271, 0.3456



20.0930, 0.4775, 0.4590



0.9787, 0.4618, 0.4715

Inverse Universe

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



41.7950, 0.2893, 0.3007



71.2810, 0.2837, 0.2937



39.5044, 0.2943, 0.2902



10.1909, 0.2984, 0.3119



4.3910, 0.1600, 0.0960



0.3095, 0.1729, 0.1423

Previews

White Background



This preview shows how the Yxy color 49.3038, 0.3363, 0.3558 looks on a white background.

Color Contrast Check

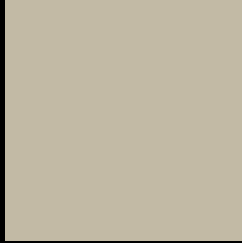
Large Text (above 18pt) WCAG AA × Fail

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 49.3038, 0.3363, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

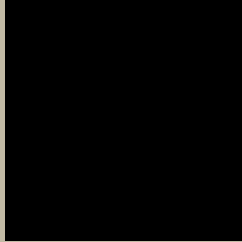
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

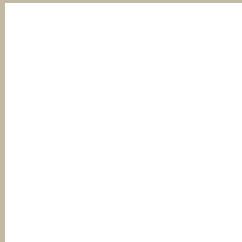
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3038, 0.3363, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 49.3038, 0.3363, 0.3558.



This preview shows how white text looks on a background with the Yxy color 49.3038, 0.3363, 0.3558.

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

49.3038, 0.3363, 0.3558

Protanopia

49.4365, 0.3372, 0.3558

Deuteranopia

49.3927, 0.3529, 0.3461



Tritanopia

49.4472, 0.3152, 0.3118

Trichromacy



Original Color

49.3038, 0.3363, 0.3558

Protanomaly

49.4365, 0.3372, 0.3558

Deuteranomaly

49.1882, 0.3461, 0.3489

Tritanomaly

49.2401, 0.3231, 0.3265

Monochromacy



Original Color

49.3038, 0.3363, 0.3558

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1510, 0.3215, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3038, 0.3363, 0.3558 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(194, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 165)  
}
```

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(194, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 165) }
```

Border

The CSS property to change the border of an element to Yxy 49.3038, 0.3363, 0.3558 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(194, 186, 165) }
```

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

```
.border{ border-color:rgb(194, 186, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3038, 0.3363, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 165) }
```

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

```
.background{ background-color: rgb(194,  
186, 165) }
```

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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