

Converting Colors

$Y_{xy}(49.9270, 0.3504, 0.3674)$

Have a look what the booklet for
Yxy(49.9270, 0.3504, 0.3674)
contains.

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Color

Yxy(49.9019, 0.3508, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	C9BA9B
RGB	201, 186, 155
RGB Percent	79%, 73%, 61%
CMY	0.2116, 0.2706, 0.3922
CMYK	0.00, 0.07, 0.23, 0.21
HSL	40°, 30%, 70%
HSV	40°, 23%, 79%
XYZ	47.5695, 49.9019, 38.1316
YIQ	186.9510, 18.8910, -6.4610

Conversions

Conversions Part 2

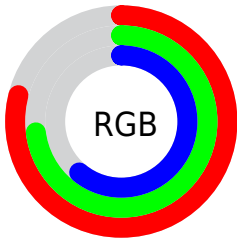
Format	Color
RYB	177, 201, 155
Decimal	13220507
CIELab	76.01, 0.39, 17.66
CIELCh	76, 17.667, 88.742
Yxy	49.9019, 0.3508, 0.3680
Android (android.graphics.Color)	4291410587 (0xFFC9BA9B)
YUV	186.9510, -15.7518, 12.3210
Hunter-Lab	70.6413, -3.4211, 17.4447

Details

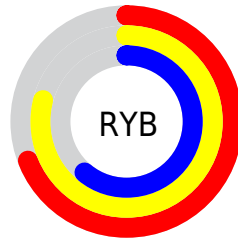
The Yxy color **49.9019, 0.3508, 0.3680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9501, 0.2759, 0.2867**, and the grayscale version is **49.7507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4174, 0.3415, 0.3608**, and **23.9776, 0.3614, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **46.5798, 0.3699, 0.3857**, and if you desaturate by 10%, it is **53.4682, 0.3332, 0.3505**.

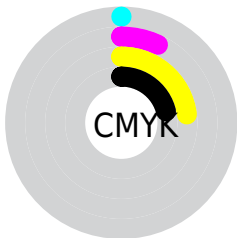
Distribution



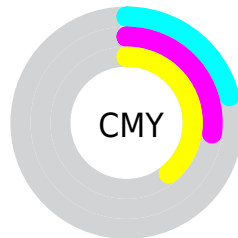
- Red (79%)
- Green (73%)
- Blue (61%)



- Red (69%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (21%)





- Cyan (21%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9019, 0.3508, 0.3680 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 49.9019, 0.3508, 0.3680 by changing the saturation by 10% instead.


 49.9019, 0.3508,
0.3680

 49.9019, 0.3508,
0.3680


386.2822, 0.3320,
0.3488

 35.3355, 0.3554,
0.3727


 90.0295, 0.3440,
0.3611

 23.9214, 0.3612,
0.3786


 116.3595, 0.3415,
0.3585

 15.2753, 0.3689,
0.3864


147.3794, 0.3393,
0.3563

 9.0128, 0.3792,
0.3969

183.4737, 0.3374,
0.3544

 4.7496, 0.3941,
0.4120

225.0267, 0.3358,
0.3527

 2.1011, 0.4187,
0.4368

272.4228, 0.3344,

 0.6652, 0.4910,

0.3512

0.5090

326.0465, 0.3331,
0.3499

0.0000, 0.0000,
0.0000

49.9019, 0.3508,
0.3680

49.9019, 0.3508,
0.3680

46.5798, 0.3699,
0.3857

53.4682, 0.3332,
0.3505

43.4878, 0.3901,
0.4030

57.2788, 0.3171,
0.3337

40.6206, 0.4109,
0.4190

61.3424, 0.3026,
0.3178

37.9696, 0.4316,
0.4327

65.6652, 0.2896,
0.3030

35.5256, 0.4512,
0.4429

70.2200, 0.2784,
0.2898

■ 33.2784, 0.4686,
0.4487

■ 73.7118, 0.2789,
0.2971

■ 31.2156, 0.4832,
0.4494

■ 77.3404, 0.2794,
0.3043

■ 29.8494, 0.4920,
0.4476

■ 81.1072, 0.2799,
0.3115

■ 85.0136, 0.2804,
0.3185

Harmonies

Analogous

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



49.9019, 0.3604, 0.3541



49.9019, 0.3508, 0.3680



49.9019, 0.3310, 0.3717

Triad

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



49.9019, 0.3508, 0.3680



49.9019, 0.2706, 0.3209



49.9019, 0.3172, 0.2983

Complementary

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



49.9019, 0.3508, 0.3680



39.9501, 0.2759, 0.2867

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.



49.9019, 0.2933, 0.2896



49.9019, 0.3508, 0.3680



49.9019, 0.2672, 0.3015

Square

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



49.9019, 0.3508, 0.3680



49.9019, 0.2849, 0.3437



49.9019, 0.2753, 0.2905



49.9019, 0.3406, 0.3145

Rectangle

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



49.9019, 0.3508, 0.3680



49.9019, 0.3150, 0.3671



49.9019, 0.2753, 0.2905



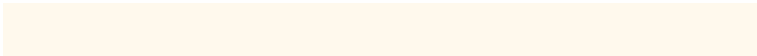
49.9019, 0.3090, 0.2945

Sweetspot

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



49.9041, 0.3508, 0.3680



95.2384, 0.3236, 0.3407



38.7784, 0.3440, 0.3095



20.2992, 0.3246, 0.3417



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.



49.9041, 0.3508, 0.3680



82.8095, 0.3592, 0.3759



55.5423, 0.3405, 0.3868



11.8103, 0.3273, 0.3445



18.9333, 0.4907, 0.4486



1.0244, 0.4723, 0.4632

Inverse Universe

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



39.9501, 0.2759, 0.2867



63.1048, 0.2681, 0.2771



35.4107, 0.2808, 0.2665



10.8440, 0.2983, 0.3130



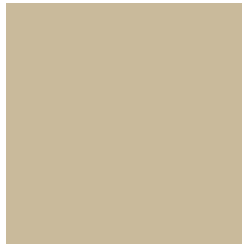
5.2271, 0.1633, 0.1078



0.3804, 0.1753, 0.1511

Previews

White Background



This preview shows how the Yxy color 49.9019, 0.3508, 0.3680 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 49.9019, 0.3508, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

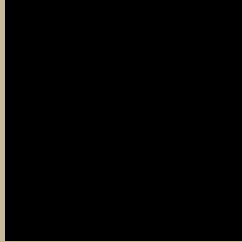
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

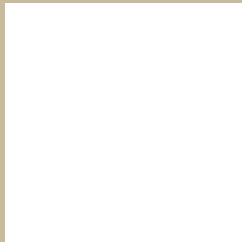
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9019, 0.3508, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 49.9019, 0.3508, 0.3680.



This preview shows how white text looks on a background with the Yxy color 49.9019, 0.3508, 0.3680.

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

49.9019, 0.3508, 0.3680

Protanopia

49.9130, 0.3478, 0.3696

Deuteranopia

49.6417, 0.3652, 0.3580



Tritanopia

49.7045, 0.3230, 0.3110

Trichromacy



Original Color

49.9019, 0.3508, 0.3680

Protanomaly

50.0493, 0.3487, 0.3694

Deuteranomaly

49.7051, 0.3601, 0.3609

Tritanomaly

49.5886, 0.3334, 0.3315

Monochromacy



Original Color

49.9019, 0.3508, 0.3680

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8423, 0.3263, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9019, 0.3508, 0.3680 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(201, 186, 155)` looks like.

```
.text, #text, p{  
    color:rgb(201, 186, 155)  
}
```

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(201, 186, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 186, 155) }
```

Border

The CSS property to change the border of an element to Yxy 49.9019, 0.3508, 0.3680 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(201, 186, 155) }
```

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

```
.border{ border-color:rgb(201, 186, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 186, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 186, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 186, 155);  
box-shadow:4px 4px 4px 4px rgb(201, 186,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9019, 0.3508, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 186, 155) }
```

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

```
.background{ background-color: rgb(201,  
186, 155) }
```

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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