

Converting Colors

Yxy(51.3359, 0.3439, 0.3681)

Have a look what the booklet for
Yxy(51.3359, 0.3439, 0.3681)
contains.

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Color

Yxy(51.3359, 0.3439, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	C6BE9F
RGB	198, 190, 159
RGB Percent	78%, 75%, 62%
CMY	0.2235, 0.2549, 0.3766
CMYK	0.00, 0.04, 0.20, 0.22
HSL	48°, 26%, 70%
HSV	48°, 20%, 78%
XYZ	47.9609, 51.3359, 40.1650
YIQ	188.8580, 14.7190, -7.9450

Conversions

Conversions Part 2

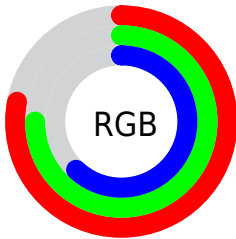
Format	Color
RYB	169, 198, 159
Decimal	13024927
CIELab	76.88, -2.29, 16.71
CIElCh	77, 16.861, 97.804
Yxy	51.3359, 0.3439, 0.3681
Android (android.graphics.Color)	4291215007 (0xFFC6BE9F)
YUV	188.8580, -14.7200, 8.0175
Hunter-Lab	71.6491, -5.9004, 16.9176

Details

The Yxy color **51.3359, 0.3439, 0.3681** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0752, 0.2809, 0.2866**, and the grayscale version is **50.8839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0266, 0.3383, 0.3606**, and **24.8821, 0.3528, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **48.9690, 0.3611, 0.3886**, and if you desaturate by 10%, it is **53.8666, 0.3275, 0.3479**.

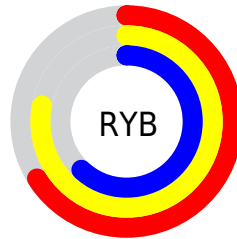
Distribution



Red (78%)

Green (75%)

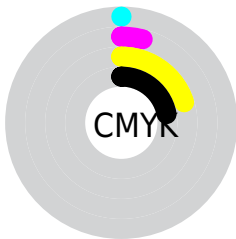
Blue (62%)



Red (66%)

Yellow (78%)

Blue (62%)

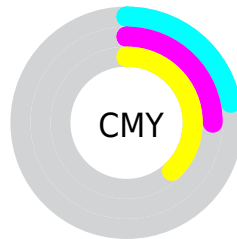


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (25%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3359, 0.3439, 0.3681 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 51.3359, 0.3439, 0.3681 by changing the saturation by 10% instead.


 51.3359, 0.3439,
0.3681

 51.3359, 0.3439,
0.3681


391.8674, 0.3286,
0.3488

 36.4760, 0.3476,
0.3728


 92.1511, 0.3384,
0.3611

 24.8020, 0.3523,
0.3788


 118.8752, 0.3364,
0.3585

 15.9296, 0.3584,
0.3867

150.3228, 0.3346,
0.3563

 9.4744, 0.3666,
0.3975


186.8783, 0.3331,
0.3544

 5.0519, 0.3783,
0.4131

228.9261, 0.3318,
0.3527

 2.2777, 0.3960,
0.4375

276.8507, 0.3306,

 0.7619, 0.4673,

0.3512

0.5327

331.0363, 0.3296,
0.3499

0.0000, 0.0000,
0.0000

51.3359, 0.3439,
0.3681

51.3359, 0.3439,
0.3681

48.9690, 0.3611,
0.3886

53.8666, 0.3275,
0.3479

46.7534, 0.3789,
0.4087

56.5595, 0.3123,
0.3285

44.6853, 0.3966,
0.4275

59.4218, 0.2983,
0.3101

42.7582, 0.4136,
0.4441

62.4584, 0.2856,
0.2929

40.9647, 0.4291,
0.4575

65.4806, 0.2757,
0.2801

■ 39.2966, 0.4424,
0.4668

■ 67.5170, 0.2761,
0.2846

■ 37.7442, 0.4530,
0.4714

■ 69.6047, 0.2764,
0.2892

■ 36.2899, 0.4609,
0.4720

■ 71.7441, 0.2768,
0.2937

■ 36.2504, 0.4612,
0.4720

■ 73.9356, 0.2771,
0.2983

Harmonies

Analogous

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



51.3359, 0.3563, 0.3575



51.3359, 0.3439, 0.3681



51.3359, 0.3233, 0.3679

Triad

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



51.3359, 0.3439, 0.3681



51.3359, 0.2707, 0.3152



51.3359, 0.3240, 0.3039

Complementary

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



51.3359, 0.3439, 0.3681



39.0752, 0.2809, 0.2866

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.



51.3359, 0.3009, 0.2933



51.3359, 0.3439, 0.3681



51.3359, 0.2708, 0.2989

Square

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



51.3359, 0.3439, 0.3681



51.3359, 0.2814, 0.3364



51.3359, 0.2816, 0.2913



51.3359, 0.3447, 0.3208

Rectangle

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



51.3359, 0.3439, 0.3681



51.3359, 0.3079, 0.3613



51.3359, 0.2816, 0.2913



51.3359, 0.3163, 0.2996

Sweetspot

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



51.3382, 0.3439, 0.3681



97.0664, 0.3219, 0.3407



39.5980, 0.3431, 0.3182



20.7093, 0.3229, 0.3420



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.



51.3382, 0.3439, 0.3681



88.9125, 0.3518, 0.3776



53.4570, 0.3328, 0.3791



12.0330, 0.3270, 0.3472



23.6950, 0.4605, 0.4726



1.2180, 0.4503, 0.4806

Inverse Universe

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



39.0752, 0.2809, 0.2866



62.9791, 0.2727, 0.2752



37.4114, 0.2898, 0.2768



10.6343, 0.2983, 0.3101



3.7668, 0.1561, 0.0818



0.2846, 0.1669, 0.1207

Previews

White Background



This preview shows how the Yxy color 51.3359, 0.3439, 0.3681 looks on a white background.

Color Contrast Check

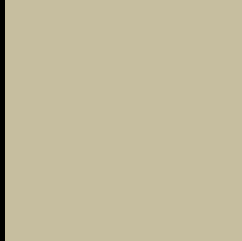
Large Text (above 18pt) WCAG AA × Fail

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 51.3359, 0.3439, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

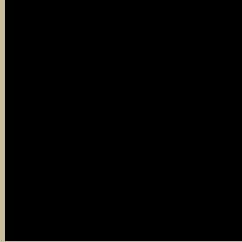
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3359, 0.3439, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 51.3359, 0.3439, 0.3681.



This preview shows how white text looks on a background with the Yxy color 51.3359, 0.3439, 0.3681.

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

51.3359, 0.3439, 0.3681

Protanopia

51.1778, 0.3458, 0.3666

Deuteranopia

51.3105, 0.3627, 0.3565



Tritanopia

51.1010, 0.3169, 0.3110

Trichromacy



Original Color

51.3359, 0.3439, 0.3681

Protanomaly

51.0405, 0.3450, 0.3667

Deuteranomaly

51.5048, 0.3555, 0.3607

Tritanomaly

50.9960, 0.3270, 0.3315

Monochromacy



Original Color

51.3359, 0.3439, 0.3681

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8160, 0.3237, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3359, 0.3439, 0.3681 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(198, 190, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 159)  
}
```

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(198, 190, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 159) }
```

Border

The CSS property to change the border of an element to Yxy 51.3359, 0.3439, 0.3681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

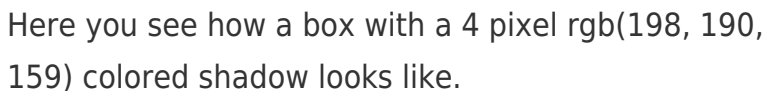
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 190, 159) }
```

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

```
.border{ border-color:rgb(198, 190, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 190, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3359, 0.3439, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 159) }
```

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

```
.background{ background-color: rgb(198,  
190, 159) }
```

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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