

Converting Colors

$Yxy(43.9327, 0.3543, 0.3855)$

Have a look what the booklet for
Yxy(43.9327, 0.3543, 0.3855)
contains.

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Color

Yxy(43.9327, 0.3543, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	B9B288
RGB	185, 178, 136
RGB Percent	73%, 70%, 53%
CMY	0.2744, 0.3020, 0.4666
CMYK	0.00, 0.04, 0.26, 0.27
HSL	51°, 26%, 63%
HSV	51°, 26%, 73%
XYZ	40.3771, 43.9327, 29.6531
YIQ	175.3050, 17.6540, -11.5780

Conversions

Conversions Part 2

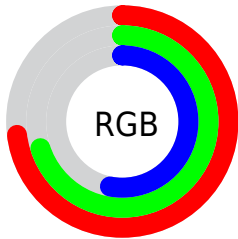
Format	Color
RYB	144, 185, 136
Decimal	12169864
CIELab	72.18, -4.23, 22.40
CIELCh	72, 22.799, 100.701
Yxy	43.9327, 0.3543, 0.3855
Android (android.graphics.Color)	4290359944 (0xFFB9B288)
YUV	175.3050, -19.3774, 8.5025
Hunter-Lab	66.2817, -7.2557, 19.8720

Details

The Yxy color **43.9327, 0.3543, 0.3855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.4000, 0.2686, 0.2654**, and the grayscale version is **43.1347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4406, 0.3468, 0.3749**, and **20.1644, 0.3655, 0.4012** is the 20% darker color. If you saturate the color by 10%, you get **42.4076, 0.3709, 0.4070**, and if you desaturate by 10%, it is **45.5730, 0.3380, 0.3638**.

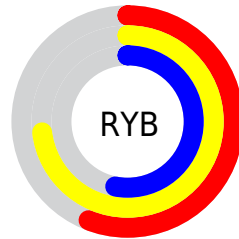
Distribution



Red (73%)

Green (70%)

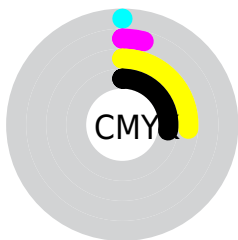
Blue (53%)



Red (56%)

Yellow (73%)

Blue (53%)

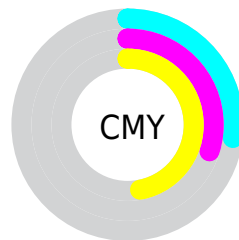


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (30%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9327, 0.3543, 0.3855 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 43.9327, 0.3543, 0.3855 by changing the saturation by 10% instead.


 43.9327, 0.3543,
0.3855


 43.9327, 0.3543,
0.3855


362.4336, 0.3336,
0.3568

 30.6176, 0.3594,
0.3927


 81.1165, 0.3468,
0.3750

 20.3078, 0.3658,
0.4020


 105.7539, 0.3440,
0.3711

 12.6190, 0.3742,
0.4144


 134.9343, 0.3416,
0.3678

 7.1667, 0.3855,
0.4315

169.0420, 0.3395,
0.3650

 3.5666, 0.4011,
0.4563

208.4613, 0.3378,
0.3625

 1.4342, 0.4608,
0.5392

253.5768, 0.3362,

 0.2417, 0.3434,

0.3604

0.6566

304.7727, 0.3348,
0.3585

0.0000, 0.0000,
0.0000

43.9327, 0.3543,
0.3855

43.9327, 0.3543,
0.3855

42.4076, 0.3709,
0.4070

45.5730, 0.3380,
0.3638

40.9870, 0.3874,
0.4274

47.3269, 0.3223,
0.3424

39.6677, 0.4030,
0.4458

49.2007, 0.3077,
0.3219

38.4439, 0.4171,
0.4612

51.1983, 0.2941,
0.3026

37.3092, 0.4291,
0.4727

53.3234, 0.2816,
0.2845

■ 36.2561, 0.4384,
0.4799

■ 55.5795, 0.2703,
0.2679

■ 35.2748, 0.4450,
0.4827

■ 57.2725, 0.2660,
0.2629

■ 34.9396, 0.4471,
0.4832

■ 58.4844, 0.2663,
0.2660

■ 59.7175, 0.2666,
0.2691

Harmonies

Analogous

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



43.9327, 0.3738, 0.3708



43.9327, 0.3543, 0.3855



43.9327, 0.3242, 0.3844

Triad

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



43.9327, 0.3543, 0.3855



43.9327, 0.2530, 0.3061



43.9327, 0.3317, 0.2959

Complementary

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



43.9327, 0.3543, 0.3855



28.4000, 0.2686, 0.2654

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.



43.9327, 0.2987, 0.2801



43.9327, 0.3543, 0.3855



43.9327, 0.2547, 0.2845

Square

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



43.9327, 0.3543, 0.3855



43.9327, 0.2663, 0.3362



43.9327, 0.2709, 0.2757



43.9327, 0.3607, 0.3196

Rectangle

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



43.9327, 0.3543, 0.3855



43.9327, 0.3024, 0.3738



43.9327, 0.2709, 0.2757



43.9327, 0.3206, 0.2895

Sweetspot

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



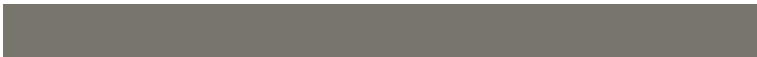
43.9347, 0.3543, 0.3855



84.2077, 0.3249, 0.3459



29.9269, 0.3602, 0.3188



18.0501, 0.3272, 0.3491



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.9347, 0.3543, 0.3855



76.9912, 0.3643, 0.3986



44.7960, 0.3366, 0.3976



10.2779, 0.3267, 0.3484



23.8662, 0.4467, 0.4836



0.9020, 0.4386, 0.4899

Inverse Universe

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



28.4000, 0.2686, 0.2654



44.3291, 0.2571, 0.2482



27.9084, 0.2838, 0.2576



8.9217, 0.2984, 0.3088



2.9705, 0.1536, 0.0729



0.1714, 0.1641, 0.1108

Previews

White Background



This preview shows how the Yxy color 43.9327, 0.3543, 0.3855 looks on a white background.

Color Contrast Check

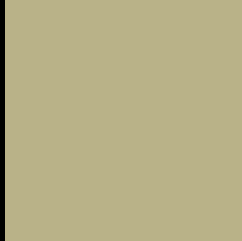
Large Text (above 18pt) WCAG AA × Fail

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 43.9327, 0.3543, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

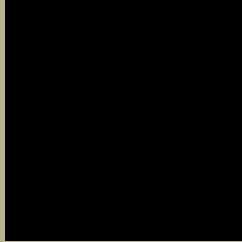
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9327, 0.3543, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 43.9327, 0.3543, 0.3855.



This preview shows how white text looks on a background with the Yxy color 43.9327, 0.3543, 0.3855.

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

43.9327, 0.3543, 0.3855

Protanopia

44.0124, 0.3593, 0.3849

Deuteranopia

43.8498, 0.3765, 0.3694



Tritanopia

43.7050, 0.3189, 0.3111

Trichromacy



Original Color

43.9327, 0.3543, 0.3855

Protanomaly

43.8849, 0.3583, 0.3851

Deuteranomaly

43.8354, 0.3685, 0.3756

Tritanomaly

43.8809, 0.3322, 0.3382

Monochromacy



Original Color

43.9327, 0.3543, 0.3855

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.2076, 0.3279, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9327, 0.3543, 0.3855 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(185, 178, 136)` looks like.

```
.text, #text, p{  
    color:rgb(185, 178, 136)  
}
```

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(185, 178, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 178, 136) }
```

Border

The CSS property to change the border of an element to Yxy 43.9327, 0.3543, 0.3855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

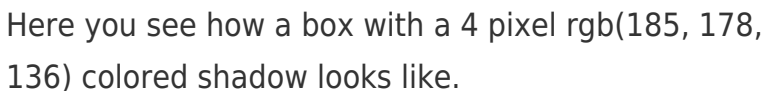
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 178, 136) }
```

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

```
.border{ border-color:rgb(185, 178, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 178, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 178, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 178, 136); box-shadow:4px 4px 4px 4px rgb(185, 178, 136) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9327, 0.3543, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 178, 136) }
```

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

```
.background{ background-color: rgb(185,  
178, 136) }
```

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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