

Converting Colors

$Y_{xy}(50.1039, 0.3552, 0.3886)$

Have a look what the booklet for
Yxy(50.1039, 0.3552, 0.3886)
contains.

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Color

Yxy(50.0839, 0.3560, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	C4BD8E
RGB	196, 189, 142
RGB Percent	77%, 74%, 56%
CMY	0.2314, 0.2588, 0.4430
CMYK	0.00, 0.04, 0.28, 0.23
HSL	52°, 31%, 66%
HSV	52°, 28%, 77%
XYZ	45.8469, 50.0839, 32.8527
YIQ	185.7350, 19.2590, -13.1330

Conversions

Conversions Part 2

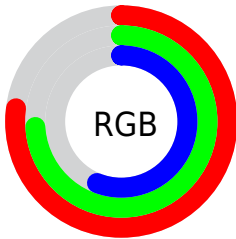
Format	Color
RYB	150, 196, 142
Decimal	12893582
CIELab	76.12, -4.94, 24.69
CIELCh	76, 25.177, 101.326
Yxy	50.0839, 0.3560, 0.3889
Android (android.graphics.Color)	4291083662 (0xFFC4BD8E)
YUV	185.7350, -21.5614, 9.0024
Hunter-Lab	70.7700, -8.2098, 22.0155

Details

The Yxy color **50.0839, 0.3560, 0.3889** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.2427, 0.2663, 0.2610**, and the grayscale version is **49.0639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1730, 0.3485, 0.3780**, and **24.1144, 0.3680, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **48.4641, 0.3725, 0.4107**, and if you desaturate by 10%, it is **51.8309, 0.3397, 0.3668**.

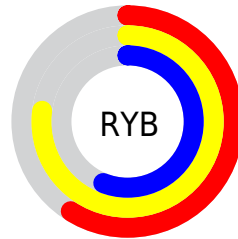
Distribution



Red (77%)

Green (74%)

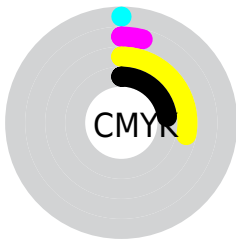
Blue (56%)



Red (59%)

Yellow (77%)

Blue (56%)

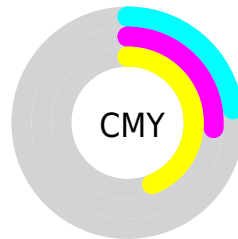


Cyan (0%)

Magenta (4%)

Yellow (28%)

Black (23%)



Cyan (23%)


Magenta (26%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0839, 0.3560, 0.3889 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 50.0839, 0.3560, 0.3889 by changing the saturation by 10% instead.


 50.0839, 0.3560,
0.3889


 50.0839, 0.3560,
0.3889


386.9940, 0.3350,
0.3592

 35.4801, 0.3610,
0.3962


 90.2992, 0.3485,
0.3782

 24.0329, 0.3673,
0.4054


 116.6794, 0.3457,
0.3741

 15.3580, 0.3753,
0.4175


147.7539, 0.3432,
0.3707

 9.0710, 0.3858,
0.4339

183.9070, 0.3411,
0.3677

 4.7876, 0.3999,
0.4570

225.5232, 0.3393,
0.3652

 2.1232, 0.4360,
0.5116

272.9868, 0.3377,

 0.6776, 0.4358,

0.3629

0.5642

326.6823, 0.3362,
0.3609

0.0000, 0.0000,
0.0000

50.0839, 0.3560,
0.3889

50.0839, 0.3560,
0.3889

48.4641, 0.3725,
0.4107

51.8309, 0.3397,
0.3668

46.9592, 0.3887,
0.4312

53.7035, 0.3240,
0.3449

45.5655, 0.4038,
0.4495

55.7087, 0.3092,
0.3239

44.2763, 0.4173,
0.4647

57.8510, 0.2954,
0.3041

43.0841, 0.4286,
0.4758

60.1347, 0.2827,
0.2855

■ 41.9802, 0.4371,
0.4826

■ 62.2621, 0.2739,
0.2730

■ 40.9520, 0.4430,
0.4851

■ 63.4822, 0.2741,
0.2759

■ 40.7050, 0.4443,
0.4855

■ 64.7222, 0.2744,
0.2788

■ 65.9821, 0.2746,
0.2817

Harmonies

Analogous

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



50.0839, 0.3770, 0.3734



50.0839, 0.3560, 0.3889



50.0839, 0.3240, 0.3875

Triad

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



50.0839, 0.3560, 0.3889



50.0839, 0.2497, 0.3041



50.0839, 0.3335, 0.2945

Complementary

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



50.0839, 0.3560, 0.3889



31.2427, 0.2663, 0.2610

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.



50.0839, 0.2985, 0.2777



50.0839, 0.3560, 0.3889



50.0839, 0.2517, 0.2817

Square

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



50.0839, 0.3560, 0.3889



50.0839, 0.2633, 0.3358



50.0839, 0.2691, 0.2728



50.0839, 0.3640, 0.3196

Rectangle

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



50.0839, 0.3560, 0.3889



50.0839, 0.3010, 0.3760



50.0839, 0.2691, 0.2728



50.0839, 0.3218, 0.2878

Sweetspot

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



50.0862, 0.3560, 0.3889



97.0788, 0.3249, 0.3462



33.2677, 0.3639, 0.3196



20.6651, 0.3272, 0.3495



0.0000, 0.0000, 0.0000



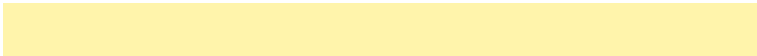
21.4041, 0.3127, 0.3290

Same Dimension

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



50.0862, 0.3560, 0.3889



88.9486, 0.3659, 0.4020



50.6893, 0.3368, 0.4010



11.5283, 0.3268, 0.3489



26.2435, 0.4439, 0.4858



1.1973, 0.4376, 0.4907

Inverse Universe

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



31.2427, 0.2663, 0.2610



49.2198, 0.2548, 0.2435



31.0027, 0.2831, 0.2543



9.9539, 0.2983, 0.3083



3.0911, 0.1531, 0.0710



0.2040, 0.1617, 0.1020

Previews

White Background



This preview shows how the Yxy color 50.0839, 0.3560, 0.3889 looks on a white background.

Color Contrast Check

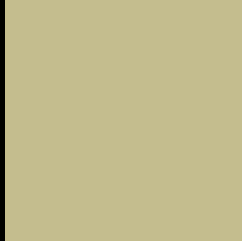
Large Text (above 18pt) WCAG AA × Fail

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 50.0839, 0.3560, 0.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

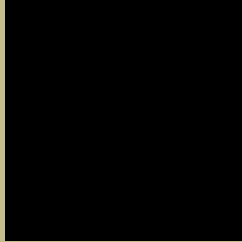
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

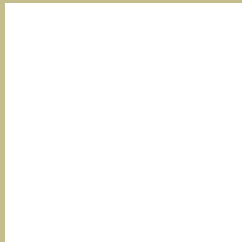
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0839, 0.3560, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 50.0839, 0.3560, 0.3889.



This preview shows how white text looks on a background with the Yxy color 50.0839, 0.3560, 0.3889.

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

50.0839, 0.3560, 0.3889

Protanopia

49.8812, 0.3620, 0.3869

Deuteranopia

49.8718, 0.3794, 0.3720



Tritanopia

50.1379, 0.3194, 0.3121

Trichromacy



Original Color

50.0839, 0.3560, 0.3889

Protanomaly

50.0316, 0.3598, 0.3885

Deuteranomaly

49.6990, 0.3709, 0.3780

Tritanomaly

50.1119, 0.3327, 0.3402

Monochromacy



Original Color

50.0839, 0.3560, 0.3889

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.3901, 0.3286, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0839, 0.3560, 0.3889 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(196, 189, 142)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 142)  
}
```

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(196, 189, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 142) }
```

Border

The CSS property to change the border of an element to Yxy 50.0839, 0.3560, 0.3889 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(196, 189, 142) }
```

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

```
.border{ border-color:rgb(196, 189, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 189, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 142);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0839, 0.3560, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 142) }
```

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

```
.background{ background-color: rgb(196,  
189, 142) }
```

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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