

Converting Colors

$Y_{xy}(47.4999, 0.3501, 0.3841)$

Have a look what the booklet for
Yxy(47.4999, 0.3501, 0.3841)
contains.

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Color

Yxy(47.4999, 0.3501, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	BDB98F
RGB	189, 185, 143
RGB Percent	74%, 73%, 56%
CMY	0.2588, 0.2745, 0.4392
CMYK	0.00, 0.02, 0.24, 0.26
HSL	55°, 26%, 65%
HSV	55°, 24%, 74%
XYZ	43.2953, 47.4999, 32.8703
YIQ	181.4080, 15.8660, -12.2140

Conversions

Conversions Part 2

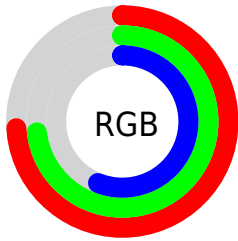
Format	Color
RYB	147, 189, 143
Decimal	12433807
CIELab	74.51, -5.41, 21.88
CIELCh	75, 22.541, 103.884
Yxy	47.4999, 0.3501, 0.3841
Android (android.graphics.Color)	4290623887 (0xFFBDB98F)
YUV	181.4080, -18.9351, 6.6582
Hunter-Lab	68.9202, -8.4776, 19.9668

Details

The Yxy color $47.4999, 0.3501, 0.3841$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.3837, 0.2722, 0.2672$, and the grayscale version is $46.5407, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5346, 0.3437, 0.3739$, and $22.4261, 0.3603, 0.4005$ is the 20% darker color. If you saturate the color by 10%, you get $46.2909, 0.3660, 0.4069$, and if you desaturate by 10%, it is $48.8176, 0.3343, 0.3611$.

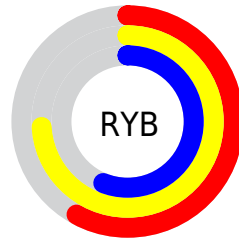
Distribution



Red (74%)

Green (73%)

Blue (56%)



Red (58%)

Yellow (74%)

Blue (56%)

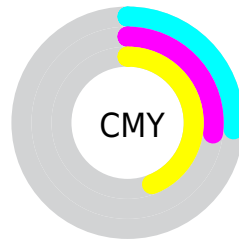


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (27%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4999, 0.3501, 0.3841 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 47.4999, 0.3501, 0.3841 by changing the saturation by 10% instead.


 47.4999, 0.3501,
0.3841


 47.4999, 0.3501,
0.3841


376.8064, 0.3317,
0.3564

 33.4310, 0.3545,
0.3910


 86.4593, 0.3435,
0.3740

 22.4568, 0.3601,
0.3998


 112.1187, 0.3410,
0.3703

 14.1930, 0.3673,
0.4115


142.4103, 0.3389,
0.3671

 8.2550, 0.3769,
0.4276

177.7186, 0.3371,
0.3643

 4.2585, 0.3900,
0.4510

218.4280, 0.3355,
0.3619

 1.8192, 0.4279,
0.5106

264.9228, 0.3341,

 0.4991, 0.4068,

0.3599

0.5932

317.5875, 0.3328,
0.3580

0.0000, 0.0000,
0.0000

47.4999, 0.3501,
0.3841

47.4999, 0.3501,
0.3841

46.2909, 0.3660,
0.4069

48.8176, 0.3343,
0.3611

45.1795, 0.3815,
0.4286

50.2423, 0.3191,
0.3385

44.1624, 0.3960,
0.4483

51.7802, 0.3047,
0.3169

43.2339, 0.4089,
0.4651

53.4354, 0.2912,
0.2965

42.3875, 0.4196,
0.4781

55.2117, 0.2789,
0.2776

■ 41.6156, 0.4278,
0.4868

■ 57.0220, 0.2684,
0.2615

■ 40.9091, 0.4332,
0.4912

■ 57.7642, 0.2686,
0.2634

■ 40.5283, 0.4355,
0.4924

■ 58.5146, 0.2687,
0.2653

■ 59.2732, 0.2689,
0.2672

Harmonies

Analogous

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



47.4999, 0.3703, 0.3714



47.4999, 0.3501, 0.3841



47.4999, 0.3205, 0.3811

Triad

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



47.4999, 0.3501, 0.3841



47.4999, 0.2546, 0.3043



47.4999, 0.3344, 0.2991

Complementary

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



47.4999, 0.3501, 0.3841



30.3837, 0.2722, 0.2672

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.



47.4999, 0.3025, 0.2829



47.4999, 0.3501, 0.3841



47.4999, 0.2577, 0.2846

Square

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



47.4999, 0.3501, 0.3841



47.4999, 0.2660, 0.3327



47.4999, 0.2748, 0.2774



47.4999, 0.3613, 0.3227

Rectangle

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



47.4999, 0.3501, 0.3841



47.4999, 0.2996, 0.3698



47.4999, 0.2748, 0.2774



47.4999, 0.3238, 0.2927

Sweetspot

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



47.5020, 0.3501, 0.3841



89.2436, 0.3232, 0.3447



32.5893, 0.3578, 0.3228



19.1581, 0.3241, 0.3460



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



47.5020, 0.3501, 0.3841



83.9294, 0.3582, 0.3958



46.9981, 0.3327, 0.3922



10.9743, 0.3266, 0.3497



27.3207, 0.4353, 0.4926



1.1124, 0.4310, 0.4960

Inverse Universe

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



30.3837, 0.2722, 0.2672



48.1990, 0.2624, 0.2520



30.9370, 0.2886, 0.2643



9.3555, 0.2984, 0.3074



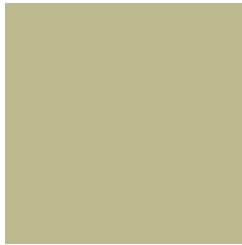
2.7804, 0.1519, 0.0667



0.1548, 0.1585, 0.0905

Previews

White Background



This preview shows how the Yxy color 47.4999, 0.3501, 0.3841 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 47.4999, 0.3501, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

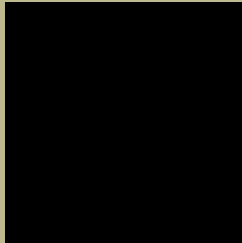
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4999, 0.3501, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 47.4999, 0.3501, 0.3841.



This preview shows how white text looks on a background with the Yxy color 47.4999, 0.3501, 0.3841.

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

47.4999, 0.3501, 0.3841

Protanopia

47.4221, 0.3570, 0.3820

Deuteranopia

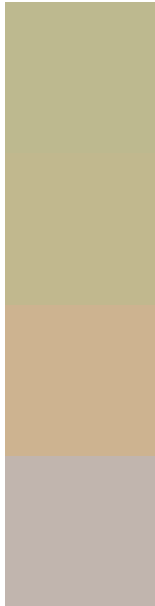
47.3911, 0.3745, 0.3670



Tritanopia

47.2487, 0.3161, 0.3116

Trichromacy



Original Color

47.4999, 0.3501, 0.3841

Protanomaly

47.5714, 0.3548, 0.3835

Deuteranomaly

47.2330, 0.3659, 0.3730

Tritanomaly

47.4412, 0.3288, 0.3380

Monochromacy



Original Color

47.4999, 0.3501, 0.3841

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4363, 0.3265, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4999, 0.3501, 0.3841 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(189, 185, 143)` looks like.

```
.text, #text, p{  
    color:rgb(189, 185, 143)  
}
```

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(189, 185, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 185, 143) }
```

Border

The CSS property to change the border of an element to Yxy 47.4999, 0.3501, 0.3841 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(189, 185, 143) }
```

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

```
.border{ border-color:rgb(189, 185, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 185, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 185, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 185, 143);  
box-shadow:4px 4px 4px 4px rgb(189, 185,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4999, 0.3501, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 185, 143) }
```

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

```
.background{ background-color: rgb(189,  
185, 143) }
```

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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