

Converting Colors

$Y_{xy}(43.7225, 0.3629, 0.3842)$

Have a look what the booklet for
Yxy(43.7225, 0.3629, 0.3842)
contains.

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Color

Yxy(43.8483, 0.3624, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	BFB086
RGB	191, 176, 134
RGB Percent	75%, 69%, 53%
CMY	0.2509, 0.3098, 0.4745
CMYK	0.00, 0.08, 0.30, 0.25
HSL	44°, 31%, 64%
HSV	44°, 30%, 75%
XYZ	41.3173, 43.8483, 28.8446
YIQ	175.6970, 22.4220, -9.8820

Conversions

Conversions Part 2

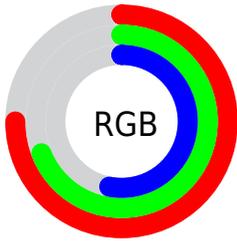
Format	Color
RYB	154, 191, 134
Decimal	12562566
CIELab	72.13, -1.09, 23.49
CIELCh	72, 23.519, 92.667
Yxy	43.8483, 0.3624, 0.3846
Android (android.graphics.Color)	4290752646 (0xFFBFB086)
YUV	175.6970, -20.5566, 13.4207
Hunter-Lab	66.2180, -4.5051, 20.5259

Details

The Yxy color **43.8483, 0.3624, 0.3846** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.3348, 0.2633, 0.2663**, and the grayscale version is **43.3525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2575, 0.3536, 0.3754**, and **20.3738, 0.3764, 0.4010** is the 20% darker color. If you saturate the color by 10%, you get **41.4279, 0.3811, 0.4034**, and if you desaturate by 10%, it is **46.4421, 0.3445, 0.3655**.

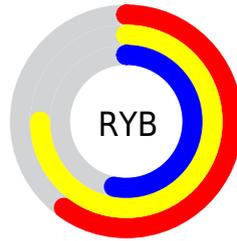
Distribution



Red (75%)

Green (69%)

Blue (53%)



Red (60%)

Yellow (75%)

Blue (53%)

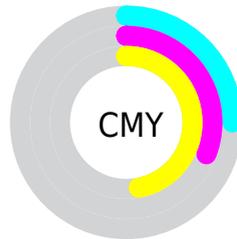


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8483, 0.3624, 0.3846 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 43.8483, 0.3624, 0.3846 by changing the saturation by 10% instead.

 43.8483, 0.3624,
0.3846

 43.8483, 0.3624,
0.3846

362.0889, 0.3375,
0.3566

 30.5513, 0.3685,
0.3916

 80.9894, 0.3534,
0.3744

 20.2574, 0.3764,
0.4004

 105.6023, 0.3500,
0.3706

 12.5823, 0.3866,
0.4121

 134.7559, 0.3471,
0.3674

 7.1415, 0.4004,
0.4280

168.8347, 0.3447,
0.3646

 3.5508, 0.4195,
0.4503

208.2229, 0.3425,
0.3622

 1.4256, 0.4805,
0.5195

253.3051, 0.3406,

 0.2355, 0.4556,

0.3601

0.5444

304.4657, 0.3390,
0.3583

0.0000, 0.0000,
0.0000

43.8483, 0.3624,
0.3846

43.8483, 0.3624,
0.3846

41.4279, 0.3811,
0.4034

46.4421, 0.3445,
0.3655

39.1690, 0.4002,
0.4211

49.2088, 0.3278,
0.3467

37.0670, 0.4189,
0.4368

52.1557, 0.3125,
0.3287

35.1149, 0.4364,
0.4493

55.2878, 0.2985,
0.3117

33.3047, 0.4520,
0.4577

58.6097, 0.2859,
0.2959

■ 31.6270, 0.4648,
0.4614

■ 62.1260, 0.2746,
0.2813

■ 30.0646, 0.4750,
0.4609

■ 64.9943, 0.2714,
0.2805

■ 30.0403, 0.4752,
0.4609

■ 67.5367, 0.2719,
0.2862

■ 70.1582, 0.2724,
0.2919

Harmonies

Analogous

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



43.8483, 0.3784, 0.3660



43.8483, 0.3624, 0.3846



43.8483, 0.3334, 0.3884

Triad

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



43.8483, 0.3624, 0.3846



43.8483, 0.2534, 0.3130



43.8483, 0.3231, 0.2895

Complementary

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



43.8483, 0.3624, 0.3846



30.3348, 0.2633, 0.2663

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.



43.8483, 0.2897, 0.2761



43.8483, 0.3624, 0.3846



43.8483, 0.2509, 0.2878

Square

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



43.8483, 0.3624, 0.3846



43.8483, 0.2709, 0.3451



43.8483, 0.2638, 0.2751



43.8483, 0.3552, 0.3122

Rectangle

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



43.8483, 0.3624, 0.3846



43.8483, 0.3110, 0.3807



43.8483, 0.2638, 0.2751



43.8483, 0.3116, 0.2838

Sweetspot

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



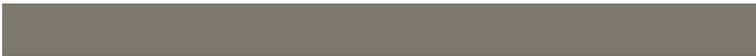
43.8503, 0.3624, 0.3846



88.4780, 0.3267, 0.3454



30.3087, 0.3608, 0.3084



19.2635, 0.3291, 0.3482



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.8503, 0.3624, 0.3846



75.5728, 0.3749, 0.3973



48.4198, 0.3454, 0.4056



10.6837, 0.3271, 0.3458



19.8761, 0.4742, 0.4616



0.8798, 0.4584, 0.4742

Inverse Universe

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



30.3348, 0.2633, 0.2663



47.3935, 0.2510, 0.2495



27.0482, 0.2729, 0.2459



9.6231, 0.2984, 0.3116



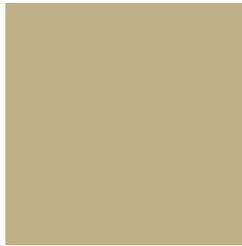
4.1026, 0.1593, 0.0934



0.2718, 0.1730, 0.1427

Previews

White Background



This preview shows how the Yxy color 43.8483, 0.3624, 0.3846 looks on a white background.

Color Contrast Check

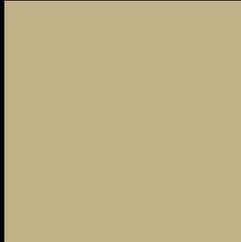
Large Text (above 18pt) WCAG AA × Fail

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 43.8483, 0.3624, 0.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

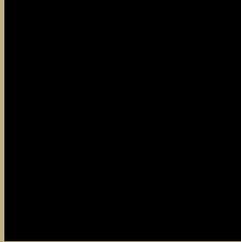
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

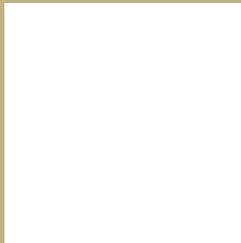
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8483, 0.3624, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 43.8483, 0.3624, 0.3846.



This preview shows how white text looks on a background with the Yxy color 43.8483, 0.3624, 0.3846.

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

43.8483, 0.3624, 0.3846

Protanopia

43.9843, 0.3601, 0.3862

Deuteranopia

43.9086, 0.3803, 0.3730



Tritanopia

43.6651, 0.3263, 0.3114

Trichromacy



Original Color

43.8483, 0.3624, 0.3846

Protanomaly

44.1127, 0.3611, 0.3860

Deuteranomaly

43.8109, 0.3736, 0.3764

Tritanomaly

43.8238, 0.3399, 0.3381

Monochromacy



Original Color

43.8483, 0.3624, 0.3846

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4476, 0.3297, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8483, 0.3624, 0.3846 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(191, 176, 134)` looks like.

```
.text, #text, p{  
    color:rgb(191, 176, 134)  
}
```

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(191, 176, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 176, 134) }
```

Border

The CSS property to change the border of an element to Yxy 43.8483, 0.3624, 0.3846 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(191, 176, 134) }
```

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

```
.border{ border-color:rgb(191, 176, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 176, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 176, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 176, 134);  
box-shadow:4px 4px 4px 4px rgb(191, 176,  
134) }
```

Background

The CSS property to change the background color of an element to Yxy 43.8483, 0.3624, 0.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 176, 134) }
```

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

```
.background{ background-color: rgb(191,  
176, 134) }
```

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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