

Converting Colors

$Y_{xy}(43.8449, 0.3805, 0.3939)$

Have a look what the booklet for
Yxy(43.8449, 0.3805, 0.3939)
contains.

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Color

Yxy(43.8443, 0.3805, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	C7AE7B
RGB	199, 174, 123
RGB Percent	78%, 68%, 48%
CMY	0.2195, 0.3176, 0.5177
CMYK	0.00, 0.13, 0.38, 0.22
HSL	40°, 40%, 63%
HSV	40°, 38%, 78%
XYZ	42.2669, 43.8443, 24.9714
YIQ	175.6610, 31.2710, -10.5610

Conversions

Conversions Part 2

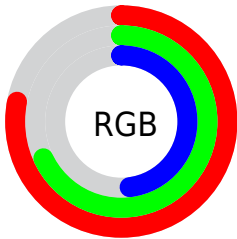
Format	Color
RYB	160, 199, 123
Decimal	13086331
CIELab	72.12, 1.80, 29.52
CIELCh	72, 29.572, 86.516
Yxy	43.8443, 0.3805, 0.3947
Android (android.graphics.Color)	4291276411 (0xFFC7AE7B)
YUV	175.6610, -25.9619, 20.4683
Hunter-Lab	66.2150, -1.9347, 23.9908

Details

The Yxy color **43.8443, 0.3805, 0.3947** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.5171, 0.2489, 0.2527**, and the grayscale version is **43.3573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4332, 0.3670, 0.3829**, and **20.3294, 0.3998, 0.4133** is the 20% darker color. If you saturate the color by 10%, you get **40.9286, 0.4012, 0.4114**, and if you desaturate by 10%, it is **46.9887, 0.3607, 0.3772**.

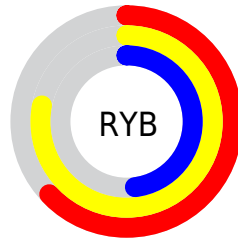
Distribution



Red (78%)

Green (68%)

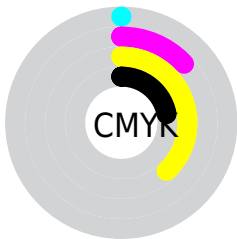
Blue (48%)



Red (63%)

Yellow (78%)

Blue (48%)

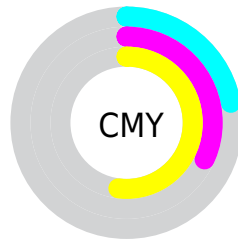


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (22%)



Cyan (22%)


Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8443, 0.3805, 0.3947 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 43.8443, 0.3805, 0.3947 by changing the saturation by 10% instead.


 43.8443, 0.3805,
0.3947


 43.8443, 0.3805,
0.3947


362.0725, 0.3466,
0.3622

 30.5481, 0.3888,
0.4025


 80.9834, 0.3683,
0.3830

 20.2550, 0.3992,
0.4124


 105.5951, 0.3637,
0.3786

 12.5805, 0.4126,
0.4249


 134.7475, 0.3598,
0.3748

 7.1403, 0.4303,
0.4412

168.8248, 0.3564,
0.3716

 3.5500, 0.4563,
0.4647

208.2116, 0.3535,
0.3688

 1.4252, 0.4983,
0.5017

253.2923, 0.3509,

 0.2352, 0.5321,

0.3663

0.4679

304.4511, 0.3486,
0.3641

0.0000, 0.0000,
0.0000

43.8443, 0.3805,
0.3947

43.8443, 0.3805,
0.3947

40.9286, 0.4012,
0.4114

46.9887, 0.3607,
0.3772

38.2277, 0.4221,
0.4262

50.3632, 0.3423,
0.3596

35.7348, 0.4424,
0.4382


53.9766, 0.3254,
0.3425

33.4406, 0.4611,
0.4461

57.8355, 0.3101,
0.3261

31.3339, 0.4772,
0.4493

61.9461, 0.2963,
0.3108

 29.3990, 0.4903,
0.4476

 66.3144, 0.2840,
0.2966

 29.0647, 0.4925,
0.4471

 70.4665, 0.2772,
0.2908

 73.9683, 0.2777,
0.2981

 77.6062, 0.2782,
0.3053

Harmonies

Analogous

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



43.8443, 0.3967, 0.3679



43.8443, 0.3805, 0.3947



43.8443, 0.3463, 0.4052

Triad

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



43.8443, 0.3805, 0.3947



43.8443, 0.2419, 0.3161



43.8443, 0.3165, 0.2757

Complementary

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



43.8443, 0.3805, 0.3947



29.5171, 0.2489, 0.2527

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.



43.8443, 0.2760, 0.2621



43.8443, 0.3805, 0.3947



43.8443, 0.2352, 0.2822

Square

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



43.8443, 0.3805, 0.3947



43.8443, 0.2667, 0.3576



43.8443, 0.2471, 0.2637



43.8443, 0.3586, 0.3014

Rectangle

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



43.8443, 0.3805, 0.3947



43.8443, 0.3186, 0.3991



43.8443, 0.2471, 0.2637



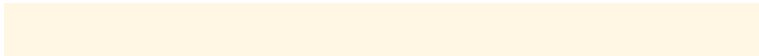
43.8443, 0.3022, 0.2697

Sweetspot

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



43.8463, 0.3805, 0.3947



92.5752, 0.3302, 0.3475



28.4572, 0.3743, 0.2958



19.6269, 0.3325, 0.3498



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.



43.8463, 0.3805, 0.3947



72.4048, 0.3980, 0.4089



52.7659, 0.3584, 0.4266



11.8060, 0.3273, 0.3445



18.8519, 0.4913, 0.4481



1.0210, 0.4727, 0.4629

Inverse Universe

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



29.5171, 0.2489, 0.2527



43.7650, 0.2337, 0.2321



23.4947, 0.2543, 0.2173



10.8481, 0.2983, 0.3131



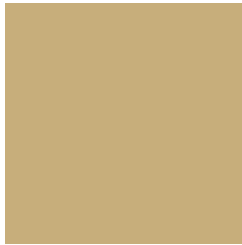
5.2620, 0.1635, 0.1084



0.3824, 0.1755, 0.1517

Previews

White Background



This preview shows how the Yxy color 43.8443, 0.3805, 0.3947 looks on a white background.

Color Contrast Check

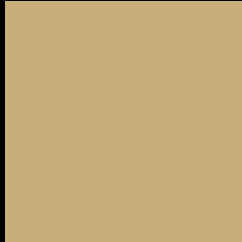
Large Text (above 18pt) WCAG AA × Fail

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 43.8443, 0.3805, 0.3947 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 43.8443, 0.3805, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 43.8443, 0.3805, 0.3947.



This preview shows how white text looks on a background with the Yxy color 43.8443, 0.3805, 0.3947.

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

43.8443, 0.3805, 0.3947

Protanopia

43.9759, 0.3706, 0.3990

Deuteranopia

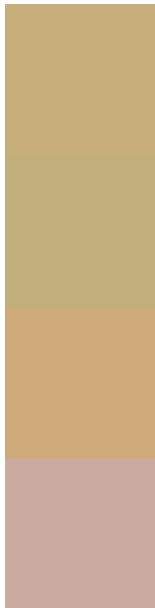
43.6801, 0.3937, 0.3848



Tritanopia

43.9119, 0.3366, 0.3130

Trichromacy



Original Color

43.8443, 0.3805, 0.3947

Protanomaly

43.9752, 0.3739, 0.3970

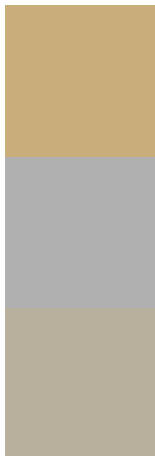
Deuteranomaly

43.8465, 0.3888, 0.3880

Tritanomaly

43.9492, 0.3533, 0.3431

Monochromacy



Original Color

43.8443, 0.3805, 0.3947

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2846, 0.3361, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8443, 0.3805, 0.3947 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(199, 174, 123)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 123)  
}
```

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(199, 174, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 123) }
```

Border

The CSS property to change the border of an element to Yxy 43.8443, 0.3805, 0.3947 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(199, 174, 123) }
```

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

```
.border{ border-color:rgb(199, 174, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 174, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 123);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8443, 0.3805, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 123) }
```

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

```
.background{ background-color: rgb(199,  
174, 123) }
```

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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