

Converting Colors

$Yxy(44.1487, 0.3739, 0.4103)$

Have a look what the booklet for
Yxy(44.1487, 0.3739, 0.4103)
contains.

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Color

Yxy(43.9440, 0.3740, 0.4097)

Conversions

Conversions Part 1

Format	Color
Hex	BDB275
RGB	189, 178, 117
RGB Percent	74%, 70%, 46%
CMY	0.2589, 0.3019, 0.5411
CMYK	0.00, 0.06, 0.38, 0.26
HSL	51°, 35%, 60%
HSV	51°, 38%, 74%
XYZ	40.1149, 43.9440, 23.2001
YIQ	174.3350, 26.1370, -16.6390

Conversions

Conversions Part 2

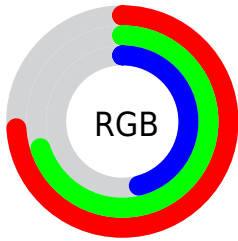
Format	Color
RYB	130, 189, 117
Decimal	12431989
CIELab	72.19, -5.08, 32.60
CIElCh	72, 32.992, 98.860
Yxy	43.9440, 0.3740, 0.4097
Android (android.graphics.Color)	4290622069 (0xFFBDB275)
YUV	174.3350, -28.2662, 12.8612
Hunter-Lab	66.2903, -7.9906, 25.6530

Details

The Yxy color **43.9440, 0.3740, 0.4097** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.8901, 0.2463, 0.2326**, and the grayscale version is **42.6473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3407, 0.3629, 0.3952**, and **20.4074, 0.3886, 0.4325** is the 20% darker color. If you saturate the color by 10%, you get **42.4107, 0.3906, 0.4297**, and if you desaturate by 10%, it is **45.5952, 0.3572, 0.3885**.

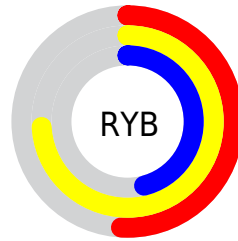
Distribution



Red (74%)

Green (70%)

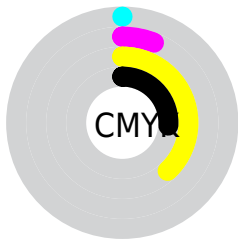
Blue (46%)



Red (51%)

Yellow (74%)

Blue (46%)

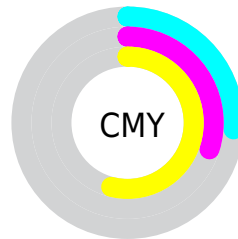


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (30%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9440, 0.3740, 0.4097 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 43.9440, 0.3740, 0.4097 by changing the saturation by 10% instead.


 43.9440, 0.3740,
0.4097

 43.9440, 0.3740,
0.4097


362.4797, 0.3439,
0.3691


 30.6265, 0.3811,
0.4197


 81.1335, 0.3633,
0.3950

 20.3146, 0.3900,
0.4323


 105.7742, 0.3592,
0.3894

 12.6239, 0.4010,
0.4487


 134.9582, 0.3557,
0.3847

 7.1701, 0.4149,
0.4702

169.0697, 0.3527,
0.3807

 3.5687, 0.4378,
0.5061

208.4932, 0.3501,
0.3772

 1.4354, 0.4554,
0.5446

253.6131, 0.3477,

 0.2426, 0.3051,

0.3742

0.6949

304.8138, 0.3457,
0.3715

0.0000, 0.0000,
0.0000

43.9440, 0.3740,
0.4097

43.9440, 0.3740,
0.4097

42.4107, 0.3906,
0.4297

45.5952, 0.3572,
0.3885

40.9836, 0.4062,
0.4476

47.3633, 0.3407,
0.3669

39.6586, 0.4203,
0.4623

49.2551, 0.3248,
0.3456

38.4287, 0.4322,
0.4730

51.2751, 0.3099,
0.3252

37.2859, 0.4414,
0.4793

53.4274, 0.2962,
0.3058

■ 36.2174, 0.4479,
0.4814

■ 55.7161, 0.2835,
0.2877

■ 36.0174, 0.4491,
0.4816

■ 58.1448, 0.2721,
0.2710

■ 59.8380, 0.2690,
0.2686

■ 61.1945, 0.2693,
0.2719

Harmonies

Analogous

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



43.9440, 0.4017, 0.3853



43.9440, 0.3740, 0.4097



43.9440, 0.3309, 0.4118

Triad

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



43.9440, 0.3740, 0.4097



43.9440, 0.2288, 0.2970



43.9440, 0.3367, 0.2805

Complementary

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



43.9440, 0.3740, 0.4097



22.8901, 0.2463, 0.2326

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.



43.9440, 0.2892, 0.2595



43.9440, 0.3740, 0.4097



43.9440, 0.2300, 0.2662

Square

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



43.9440, 0.3740, 0.4097



43.9440, 0.2481, 0.3415



43.9440, 0.2511, 0.2539



43.9440, 0.3802, 0.3125

Rectangle

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



43.9440, 0.3740, 0.4097



43.9440, 0.2997, 0.3975



43.9440, 0.2511, 0.2539



43.9440, 0.3205, 0.2720

Sweetspot

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



43.9460, 0.3740, 0.4097



87.1617, 0.3296, 0.3521



25.1269, 0.3894, 0.3125



18.6443, 0.3318, 0.3550



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.



43.9460, 0.3740, 0.4097



76.3320, 0.3884, 0.4271



45.6710, 0.3473, 0.4297



10.8659, 0.3268, 0.3483



24.3283, 0.4486, 0.4820



1.0210, 0.4406, 0.4884

Inverse Universe

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



22.8901, 0.2463, 0.2326



33.1105, 0.2292, 0.2062



22.0613, 0.2664, 0.2215



9.4539, 0.2984, 0.3089



3.1296, 0.1539, 0.0740



0.1981, 0.1642, 0.1111

Previews

White Background



This preview shows how the Yxy color 43.9440, 0.3740, 0.4097 looks on a white background.

Color Contrast Check

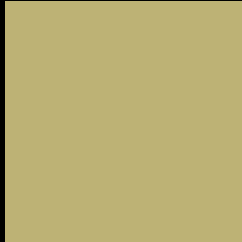
Large Text (above 18pt) WCAG AA × Fail

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 43.9440, 0.3740, 0.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

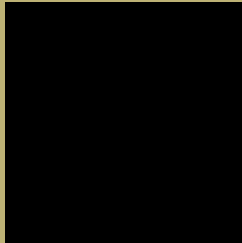
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9440, 0.3740, 0.4097

Background



This preview shows how black text looks on a background with the Yxy color 43.9440, 0.3740, 0.4097.



This preview shows how white text looks on a background with the Yxy color 43.9440, 0.3740, 0.4097.

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

43.9440, 0.3740, 0.4097

Protanopia

43.9351, 0.3774, 0.4077

Deuteranopia

43.7049, 0.3992, 0.3905



Tritanopia

43.9041, 0.3253, 0.3126

Trichromacy



Original Color

43.9440, 0.3740, 0.4097

Protanomaly

43.8050, 0.3764, 0.4079

Deuteranomaly

43.6504, 0.3907, 0.3973

Tritanomaly

43.7278, 0.3431, 0.3474

Monochromacy



Original Color

43.9440, 0.3740, 0.4097

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5436, 0.3348, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9440, 0.3740, 0.4097 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, 178, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 117)  
}
```

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, 178, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 117) }
```

Border

The CSS property to change the border of an element to Yxy 43.9440, 0.3740, 0.4097 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, 178, 117) }
```

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

```
.border{ border-color:rgb(189, 178, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9440, 0.3740, 0.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 117) }
```

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

```
.background{ background-color: rgb(189,  
178, 117) }
```

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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