

Converting Colors

Yxy(51.2808, 0.3803, 0.3835)

Have a look what the booklet for
Yxy(51.2808, 0.3803, 0.3835)
contains.

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Color

Yxy(51.4674, 0.3798, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	DAB98B
RGB	218, 185, 139
RGB Percent	85%, 73%, 55%
CMY	0.1452, 0.2745, 0.4549
CMYK	0.00, 0.15, 0.36, 0.15
HSL	35°, 52%, 70%
HSV	35°, 36%, 85%
XYZ	50.9177, 51.4674, 31.6795
YIQ	189.6230, 34.4340, -7.3100

Conversions

Conversions Part 2

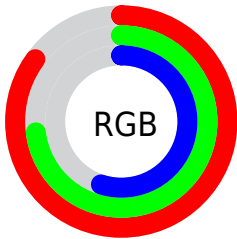
Format	Color
RYB	196, 218, 139
Decimal	14334347
CIELab	76.96, 5.39, 27.75
CIELCh	77, 28.270, 79.015
Yxy	51.4674, 0.3798, 0.3839
Android (android.graphics.Color)	4292524427 (0xFFDAB98B)
YUV	189.6230, -24.9571, 24.8866
Hunter-Lab	71.7408, 1.1433, 24.0371

Details

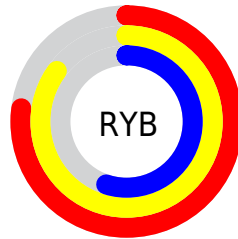
The Yxy color **51.4674, 0.3798, 0.3839** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.0447, 0.2534, 0.2667**, and the grayscale version is **51.3961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0208, 0.3526, 0.3771**, and **24.8885, 0.3984, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **47.2084, 0.4025, 0.3989**, and if you desaturate by 10%, it is **56.1018, 0.3587, 0.3683**.

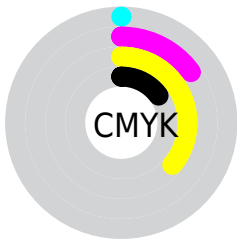
Distribution



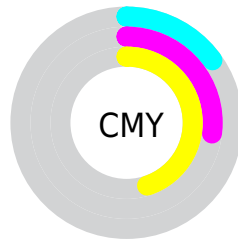
- Red (85%)
- Green (73%)
- Blue (55%)



- Red (77%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4674, 0.3798, 0.3839 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 51.4674, 0.3798, 0.3839 by changing the saturation by 10% instead.


 51.4674, 0.3798,
0.3839


 51.4674, 0.3798,
0.3839


392.3770, 0.3469,
0.3576


 36.5807, 0.3877,
0.3900


 92.3453, 0.3681,
0.3747

 24.8830, 0.3976,
0.3975


 119.1053, 0.3636,
0.3711

 15.9899, 0.4103,
0.4070


 150.5919, 0.3598,
0.3681

 9.5170, 0.4271,
0.4190

187.1894, 0.3565,
0.3654

 5.0799, 0.4500,
0.4344

229.2823, 0.3537,
0.3631

 2.2942, 0.5041,
0.4743

277.2549, 0.3511,

 0.7707, 0.5286,

0.3611

0.4714

331.4917, 0.3489,
0.3593

0.0000, 0.0000,
0.0000

51.4674, 0.3798,
0.3839

51.4674, 0.3798,
0.3839

47.2084, 0.4025,
0.3989

56.1018, 0.3587,
0.3683

43.3057, 0.4264,
0.4124

61.1159, 0.3396,
0.3528

39.7485, 0.4505,
0.4233

66.5228, 0.3224,
0.3379

36.5225, 0.4737,
0.4302

72.3328, 0.3072,
0.3238

33.6118, 0.4945,
0.4323

78.5554, 0.2937,
0.3106

■ 30.9973, 0.5119,
0.4290

■ 84.2104, 0.2900,
0.3131

■ 30.0776, 0.5180,
0.4269

■ 89.6909, 0.2903,
0.3225

■ 93.6418, 0.2906,
0.3289

Harmonies

Analogous

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



51.4674, 0.3891, 0.3574



51.4674, 0.3798, 0.3839



51.4674, 0.3523, 0.3974

Triad

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



51.4674, 0.3798, 0.3839



51.4674, 0.2525, 0.3268



51.4674, 0.3066, 0.2760

Complementary

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



51.4674, 0.3798, 0.3839



40.0447, 0.2534, 0.2667

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.



51.4674, 0.2716, 0.2669



51.4674, 0.3798, 0.3839



51.4674, 0.2419, 0.2934

Square

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



51.4674, 0.3798, 0.3839



51.4674, 0.2788, 0.3638



51.4674, 0.2486, 0.2724



51.4674, 0.3454, 0.2972

Rectangle

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



51.4674, 0.3798, 0.3839



51.4674, 0.3279, 0.3954



51.4674, 0.2486, 0.2724



51.4674, 0.2940, 0.2715

Sweetspot

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



51.4698, 0.3798, 0.3839



91.0790, 0.3305, 0.3451



36.3956, 0.3617, 0.2880



19.2697, 0.3329, 0.3471



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.



51.4698, 0.3798, 0.3839



69.0290, 0.3959, 0.3947



66.0979, 0.3628, 0.4200



14.3055, 0.3277, 0.3426



18.2410, 0.5161, 0.4284



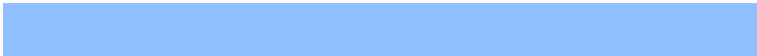
1.3505, 0.4961, 0.4443

Inverse Universe

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



40.0447, 0.2534, 0.2667



50.5856, 0.2412, 0.2519



29.4825, 0.2511, 0.2214



13.5058, 0.2982, 0.3150



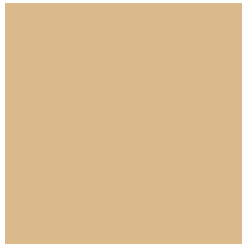
7.7167, 0.1701, 0.1323



0.6676, 0.1790, 0.1645

Previews

White Background



This preview shows how the Yxy color 51.4674, 0.3798, 0.3839 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 51.4674, 0.3798, 0.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

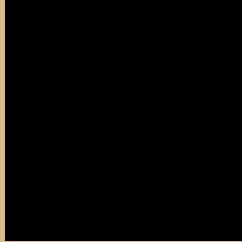
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4674, 0.3798, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 51.4674, 0.3798, 0.3839.



This preview shows how white text looks on a background with the Yxy color 51.4674, 0.3798, 0.3839.

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

51.4674, 0.3798, 0.3839

Protanopia

51.5874, 0.3637, 0.3898

Deuteranopia

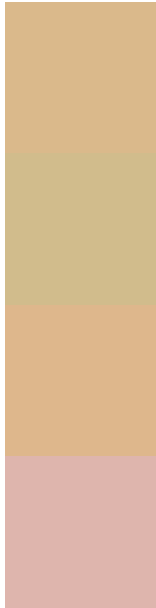
51.3569, 0.3866, 0.3781



Tritanopia

51.4939, 0.3415, 0.3130

Trichromacy



Original Color

51.4674, 0.3798, 0.3839

Protanomaly

51.4152, 0.3697, 0.3878

Deuteranomaly

51.2900, 0.3835, 0.3798

Tritanomaly

51.5945, 0.3555, 0.3385

Monochromacy



Original Color

51.4674, 0.3798, 0.3839

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1861, 0.3363, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4674, 0.3798, 0.3839 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(218, 185, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 185, 139)  
}
```

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(218, 185, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 185, 139) }
```

Border

The CSS property to change the border of an element to Yxy 51.4674, 0.3798, 0.3839 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(218, 185, 139) }
```

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

```
.border{ border-color:rgb(218, 185, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 185, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 185, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 185, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 185,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4674, 0.3798, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 185, 139) }
```

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

```
.background{ background-color: rgb(218,  
185, 139) }
```

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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