

Converting Colors

Yxy(50.7536, 0.3903, 0.3851)

Have a look what the booklet for
Yxy(50.7536, 0.3903, 0.3851)
contains.

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Color

Yxy(50.8651, 0.3899, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	DFB686
RGB	223, 182, 134
RGB Percent	87%, 71%, 53%
CMY	0.1255, 0.2862, 0.4745
CMYK	0.00, 0.18, 0.40, 0.13
HSL	32°, 58%, 70%
HSV	32°, 40%, 87%
XYZ	51.4590, 50.8651, 29.6559
YIQ	188.7870, 39.8440, -6.2360

Conversions

Conversions Part 2

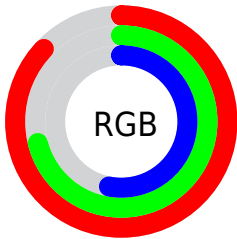
Format	Color
R _Y B	210, 223, 134
Decimal	14661254
CIE Lab	76.60, 8.39, 30.01
CIE LCh	77, 31.159, 74.380
Yxy	50.8651, 0.3899, 0.3854
Android (android.graphics.Color)	4292851334 (0xFFDFB686)
YUV	188.7870, -27.0100, 30.0048
Hunter-Lab	71.3198, 3.9826, 25.2701

Details

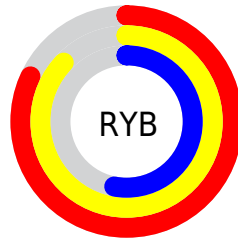
The Yxy color **50.8651, 0.3899, 0.3854** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.0416, 0.2479, 0.2644**, and the grayscale version is **50.9013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0399, 0.3566, 0.3793**, and **24.4476, 0.4100, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **46.2569, 0.4144, 0.3990**, and if you desaturate by 10%, it is **55.9177, 0.3673, 0.3710**.

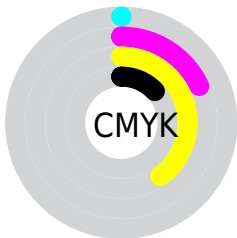
Distribution



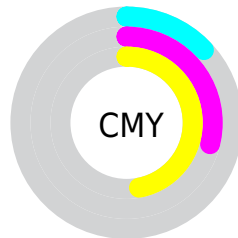
- Red (87%)
- Green (71%)
- Blue (53%)



- Red (82%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8651, 0.3899, 0.3854 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 50.8651, 0.3899, 0.3854 by changing the saturation by 10% instead.


 50.8651, 0.3899,
0.3854

 50.8651, 0.3899,
0.3854


390.0394, 0.3520,
0.3588


 36.1013, 0.3990,
0.3914


 91.4553, 0.3764,
0.3761

 24.5124, 0.4104,
0.3988


 118.0505, 0.3712,
0.3725

 15.7142, 0.4250,
0.4079


 149.3583, 0.3668,
0.3694

 9.3221, 0.4442,
0.4191

185.7630, 0.3630,
0.3667

 4.9519, 0.4701,
0.4325

227.6491, 0.3597,
0.3644

 2.2191, 0.5308,
0.4692

275.4009, 0.3569,

 0.7304, 0.5521,

0.3623

0.4479

329.4029, 0.3543,
0.3604

0.0000, 0.0000,
0.0000

50.8651, 0.3899,
0.3854

50.8651, 0.3899,
0.3854

46.2569, 0.4144,
0.3990

55.9177, 0.3673,
0.3710

42.0709, 0.4401,
0.4107

61.4213, 0.3468,
0.3564

38.2935, 0.4659,
0.4194

67.3916, 0.3286,
0.3423

34.9071, 0.4905,
0.4237

73.8412, 0.3126,
0.3289

31.8918, 0.5123,
0.4227

80.7819, 0.2985,
0.3164

■ 29.2182, 0.5306,
0.4168

■ 87.3744, 0.2932,
0.3174

■ 29.1958, 0.5308,
0.4168

■ 93.7131, 0.2934,
0.3278

■ 94.4260, 0.2935,
0.3289

Harmonies

Analogous

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



50.8651, 0.3967, 0.3547



50.8651, 0.3899, 0.3854



50.8651, 0.3618, 0.4037

Triad

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



50.8651, 0.3899, 0.3854



50.8651, 0.2498, 0.3327



50.8651, 0.2992, 0.2684

Complementary

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



50.8651, 0.3899, 0.3854



41.0416, 0.2479, 0.2644

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.



50.8651, 0.2624, 0.2606



50.8651, 0.3899, 0.3854



50.8651, 0.2354, 0.2943

Square

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



50.8651, 0.3899, 0.3854



50.8651, 0.2807, 0.3734



50.8651, 0.2399, 0.2690



50.8651, 0.3423, 0.2898

Rectangle

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



50.8651, 0.3899, 0.3854



50.8651, 0.3357, 0.4043



50.8651, 0.2399, 0.2690



50.8651, 0.2857, 0.2641

Sweetspot

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



50.8675, 0.3899, 0.3854



89.5215, 0.3324, 0.3453



35.8493, 0.3655, 0.2804



18.9294, 0.3348, 0.3472



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.



50.8675, 0.3899, 0.3854



63.6257, 0.4105, 0.3970



69.7086, 0.3699, 0.4283



14.9196, 0.3279, 0.3417



17.3976, 0.5287, 0.4184



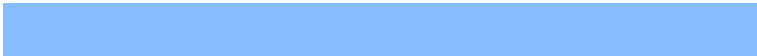
1.3845, 0.5072, 0.4354

Inverse Universe

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



41.0416, 0.2479, 0.2644



48.5502, 0.2340, 0.2478



27.6894, 0.2412, 0.2077



14.2780, 0.2981, 0.3160



9.0192, 0.1737, 0.1454



0.8028, 0.1819, 0.1747

Previews

White Background



This preview shows how the Yxy color 50.8651, 0.3899, 0.3854 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 50.8651, 0.3899, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

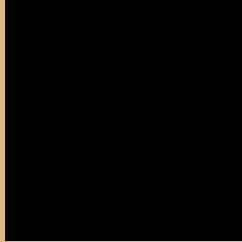
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8651, 0.3899, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 50.8651, 0.3899, 0.3854.



This preview shows how white text looks on a background with the Yxy color 50.8651, 0.3899, 0.3854.

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

50.8651, 0.3899, 0.3854

Protanopia

51.0387, 0.3672, 0.3936

Deuteranopia

50.7765, 0.3922, 0.3839



Tritanopia

50.7848, 0.3490, 0.3143

Trichromacy



Original Color

50.8651, 0.3899, 0.3854

Protanomaly

50.7443, 0.3755, 0.3900

Deuteranomaly

50.6163, 0.3913, 0.3841

Tritanomaly

50.8367, 0.3643, 0.3408

Monochromacy



Original Color

50.8651, 0.3899, 0.3854

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3999, 0.3392, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8651, 0.3899, 0.3854 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(223, 182, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 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(223, 182, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 134) }
```

Border

The CSS property to change the border of an element to Yxy 50.8651, 0.3899, 0.3854 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(223, 182, 134) }
```

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

```
.border{ border-color:rgb(223, 182, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 182, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 182, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 182, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 182,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8651, 0.3899, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 134) }
```

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

```
.background{ background-color: rgb(223,  
182, 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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