

Converting Colors

$Yxy(51.6303, 0.3893, 0.3875)$

Have a look what the booklet for
Yxy(51.6303, 0.3893, 0.3875)
contains.

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Color

Yxy(51.6902, 0.3890, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	DFB886
RGB	223, 184, 134
RGB Percent	87%, 72%, 53%
CMY	0.1254, 0.2784, 0.4746
CMYK	0.00, 0.17, 0.40, 0.13
HSL	34°, 58%, 70%
HSV	34°, 40%, 87%
XYZ	51.8769, 51.6902, 29.7925
YIQ	189.9610, 39.2940, -7.2820

Conversions

Conversions Part 2

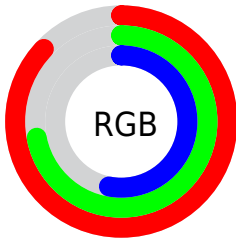
Format	Color
R _Y B	203, 223, 134
Decimal	14661766
CIE Lab	77.10, 7.34, 30.67
CIE LCh	77, 31.535, 76.534
Yxy	51.6902, 0.3890, 0.3876
Android (android.graphics.Color)	4292851846 (0xFFDFB886)
YUV	189.9610, -27.5888, 28.9752
Hunter-Lab	71.8959, 2.9799, 25.7583

Details

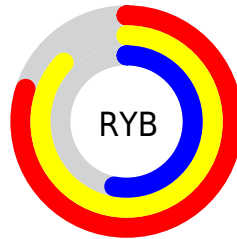
The Yxy color **51.6902, 0.3890, 0.3876** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.2821, 0.2474, 0.2616**, and the grayscale version is **51.6151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2110, 0.3561, 0.3812**, and **24.9797, 0.4084, 0.4010** is the 20% darker color. If you saturate the color by 10%, you get **47.2138, 0.4129, 0.4017**, and if you desaturate by 10%, it is **56.5832, 0.3668, 0.3726**.

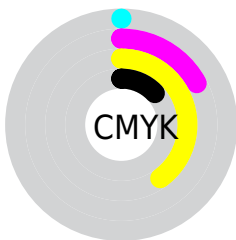
Distribution



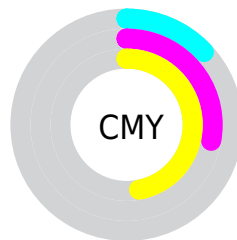
- Red (87%)
- Green (72%)
- Blue (53%)



- Red (80%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6902, 0.3890, 0.3876 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 51.6902, 0.3890, 0.3876 by changing the saturation by 10% instead.


 51.6902, 0.3890,
0.3876

 51.6902, 0.3890,
0.3876


393.2394, 0.3517,
0.3599

 36.7582, 0.3979,
0.3939


 92.6742, 0.3757,
0.3780

 25.0203, 0.4090,
0.4016


 119.4950, 0.3707,
0.3742

 16.0922, 0.4232,
0.4111


 151.0475, 0.3663,
0.3710

 9.5894, 0.4418,
0.4228

187.7161, 0.3626,
0.3682

 5.1276, 0.4666,
0.4370

229.8852, 0.3594,
0.3657

 2.3223, 0.5249,
0.4751

277.9392, 0.3565,

 0.7855, 0.5418,

0.3636

0.4582

332.2625, 0.3540,
0.3616

0.0000, 0.0000,
0.0000

51.6902, 0.3890,
0.3876

51.6902, 0.3890,
0.3876

47.2138, 0.4129,
0.4017

56.5832, 0.3668,
0.3726

43.1327, 0.4377,
0.4139

61.8985, 0.3467,
0.3575

39.4342, 0.4626,
0.4230


67.6509, 0.3286,
0.3428


36.1019, 0.4861,
0.4278


73.8520, 0.3126,
0.3289


33.1170, 0.5067,
0.4274


80.5131, 0.2985,
0.3158

 30.4510, 0.5241,
0.4220

 86.7931, 0.2932,
0.3164

 30.4303, 0.5242,
0.4220

 92.7870, 0.2934,
0.3263

 94.4298, 0.2935,
0.3289

Harmonies

Analogous

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



51.6902, 0.3976, 0.3572



51.6902, 0.3890, 0.3876



51.6902, 0.3595, 0.4048

Triad

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



51.6902, 0.3890, 0.3876



51.6902, 0.2477, 0.3297



51.6902, 0.3022, 0.2692

Complementary

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



51.6902, 0.3890, 0.3876



40.2821, 0.2474, 0.2616

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.



51.6902, 0.2643, 0.2602



51.6902, 0.3890, 0.3876



51.6902, 0.2346, 0.2917

Square

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



51.6902, 0.3890, 0.3876



51.6902, 0.2779, 0.3711



51.6902, 0.2405, 0.2674



51.6902, 0.3455, 0.2915

Rectangle

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



51.6902, 0.3890, 0.3876



51.6902, 0.3328, 0.4043



51.6902, 0.2405, 0.2674



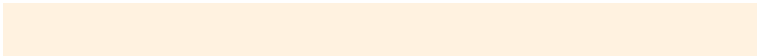
51.6902, 0.2884, 0.2645

Sweetspot

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



51.6926, 0.3890, 0.3876



89.9248, 0.3323, 0.3460



35.7948, 0.3672, 0.2820



19.0244, 0.3347, 0.3479



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.



51.6926, 0.3890, 0.3876



64.8861, 0.4090, 0.3996



69.4943, 0.3688, 0.4288



14.9717, 0.3278, 0.3422



18.1195, 0.5222, 0.4235



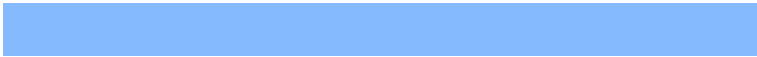
1.4333, 0.5021, 0.4395

Inverse Universe

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



40.2821, 0.2474, 0.2616



47.3909, 0.2333, 0.2442



27.8163, 0.2423, 0.2081



14.2266, 0.2981, 0.3155



8.4544, 0.1718, 0.1384



0.7620, 0.1801, 0.1683

Previews

White Background



This preview shows how the Yxy color 51.6902, 0.3890, 0.3876 looks on a white background.

Color Contrast Check

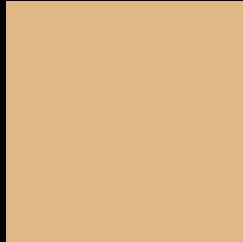
Large Text (above 18pt) WCAG AA × Fail

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 51.6902, 0.3890, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

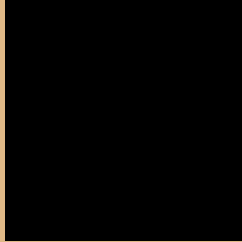
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6902, 0.3890, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 51.6902, 0.3890, 0.3876.



This preview shows how white text looks on a background with the Yxy color 51.6902, 0.3890, 0.3876.

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

51.6902, 0.3890, 0.3876

Protanopia

51.6122, 0.3677, 0.3946

Deuteranopia

51.5080, 0.3935, 0.3846



Tritanopia

51.8200, 0.3478, 0.3144

Trichromacy



Original Color

51.6902, 0.3890, 0.3876

Protanomaly

51.7411, 0.3756, 0.3920

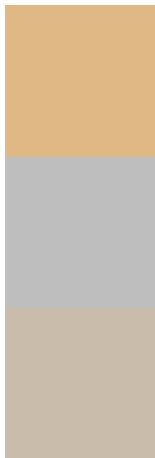
Deuteranomaly

51.7570, 0.3922, 0.3859

Tritanomaly

51.8757, 0.3629, 0.3407

Monochromacy



Original Color

51.6902, 0.3890, 0.3876

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4253, 0.3389, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6902, 0.3890, 0.3876 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, 184, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 184, 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, 184, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 184, 134) }
```

Border

The CSS property to change the border of an element to Yxy 51.6902, 0.3890, 0.3876 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, 184, 134) }
```

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

```
.border{ border-color:rgb(223, 184, 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, 184, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 184, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 184, 134); box-shadow:4px 4px 4px 4px rgb(223, 184, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6902, 0.3890, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 184, 134) }
```

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

```
.background{ background-color: rgb(223,  
184, 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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