

Converting Colors

$Yxy(51.0823, 0.3777, 0.3879)$

Have a look what the booklet for
Yxy(51.0823, 0.3777, 0.3879)
contains.

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Color

Yxy(51.2201, 0.3774, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	D6BA89
RGB	214, 186, 137
RGB Percent	84%, 73%, 54%
CMY	0.1610, 0.2705, 0.4628
CMYK	0.00, 0.13, 0.36, 0.16
HSL	38°, 48%, 69%
HSV	38°, 36%, 84%
XYZ	49.7951, 51.2201, 30.9273
YIQ	188.7860, 32.4170, -9.3030

Conversions

Conversions Part 2

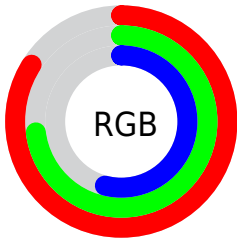
Format	Color
RYB	181, 214, 137
Decimal	14072457
CIELab	76.81, 3.02, 28.55
CIElCh	77, 28.711, 83.956
Yxy	51.2201, 0.3774, 0.3882
Android (android.graphics.Color)	4292262537 (0xFFD6BA89)
YUV	188.7860, -25.5305, 22.1127
Hunter-Lab	71.5682, -1.0492, 24.4763

Details

The Yxy color **51.2201, 0.3774, 0.3882** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0544, 0.2531, 0.2613**, and the grayscale version is **50.8935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5258, 0.3537, 0.3800**, and **24.7323, 0.3939, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **47.4842, 0.3988, 0.4045**, and if you desaturate by 10%, it is **55.2603, 0.3573, 0.3713**.

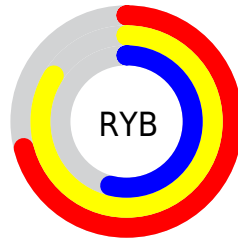
Distribution



Red (84%)

Green (73%)

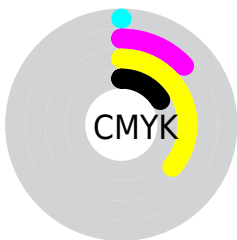
Blue (54%)



Red (71%)

Yellow (84%)

Blue (54%)

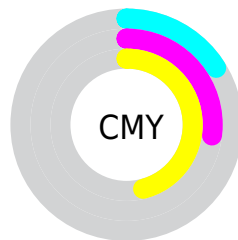


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (16%)



Cyan (16%)


Magenta (27%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2201, 0.3774, 0.3882 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 51.2201, 0.3774, 0.3882 by changing the saturation by 10% instead.


 51.2201, 0.3774,
0.3882

 51.2201, 0.3774,
0.3882


391.4183, 0.3458,
0.3597

 36.3838, 0.3849,
0.3949


 91.9800, 0.3661,
0.3781

 24.7308, 0.3944,
0.4032


 118.6725, 0.3619,
0.3743

 15.8766, 0.4065,
0.4137


 150.0857, 0.3582,
0.3709

 9.4369, 0.4224,
0.4272

186.6042, 0.3550,
0.3681

 5.0272, 0.4437,
0.4446

228.6123, 0.3523,
0.3656

 2.2632, 0.4998,
0.4935

276.4944, 0.3499,

 0.7541, 0.5118,

0.3634

0.4882

330.6350, 0.3477,
0.3614

0.0000, 0.0000,
0.0000

51.2201, 0.3774,
0.3882

51.2201, 0.3774,
0.3882

47.4842, 0.3988,
0.4045

55.2603, 0.3573,
0.3713

44.0355, 0.4209,
0.4192

59.6070, 0.3387,
0.3545

40.8655, 0.4428,
0.4312


64.2715, 0.3219,
0.3383

37.9621, 0.4634,
0.4394

69.2621, 0.3068,
0.3229


35.3120, 0.4817,
0.4428


74.5869, 0.2934,
0.3085


 32.8989, 0.4968,
0.4410

 79.5674, 0.2873,
0.3056

 31.9827, 0.5023,
0.4394

 84.0514, 0.2876,
0.3138

 88.7311, 0.2880,
0.3219

 93.0289, 0.2883,
0.3289

Harmonies

Analogous

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



51.2201, 0.3904, 0.3628



51.2201, 0.3774, 0.3882



51.2201, 0.3471, 0.3990

Triad

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



51.2201, 0.3774, 0.3882



51.2201, 0.2485, 0.3205



51.2201, 0.3130, 0.2780

Complementary

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



51.2201, 0.3774, 0.3882



37.0544, 0.2531, 0.2613

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.



51.2201, 0.2760, 0.2665



51.2201, 0.3774, 0.3882



51.2201, 0.2407, 0.2882

Square

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



51.2201, 0.3774, 0.3882



51.2201, 0.2729, 0.3585



51.2201, 0.2504, 0.2695



51.2201, 0.3520, 0.3012

Rectangle

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



51.2201, 0.3774, 0.3882



51.2201, 0.3217, 0.3946



51.2201, 0.2504, 0.2695



51.2201, 0.2999, 0.2727

Sweetspot

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



51.2225, 0.3774, 0.3882



91.9992, 0.3303, 0.3466



34.9039, 0.3668, 0.2945



19.4894, 0.3327, 0.3488



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.



51.2225, 0.3774, 0.3882



72.0205, 0.3933, 0.4004



62.6686, 0.3582, 0.4206



13.7267, 0.3275, 0.3438



19.5451, 0.5008, 0.4406



1.3337, 0.4831, 0.4546

Inverse Universe

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



37.0544, 0.2531, 0.2613



48.0302, 0.2399, 0.2443



28.9702, 0.2559, 0.2236



12.7392, 0.2982, 0.3137



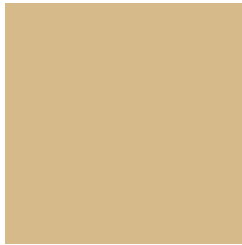
6.3805, 0.1658, 0.1168



0.5397, 0.1755, 0.1519

Previews

White Background



This preview shows how the Yxy color 51.2201, 0.3774, 0.3882 looks on a white background.

Color Contrast Check

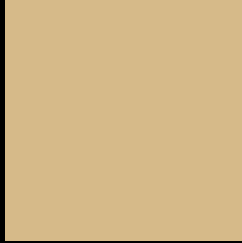
Large Text (above 18pt) WCAG AA × Fail

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 51.2201, 0.3774, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

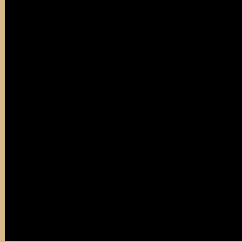
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2201, 0.3774, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 51.2201, 0.3774, 0.3882.



This preview shows how white text looks on a background with the Yxy color 51.2201, 0.3774, 0.3882.

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

51.2201, 0.3774, 0.3882

Protanopia

51.5284, 0.3653, 0.3923

Deuteranopia

51.2984, 0.3883, 0.3804



Tritanopia

51.3061, 0.3369, 0.3128

Trichromacy



Original Color

51.2201, 0.3774, 0.3882

Protanomaly

51.6401, 0.3700, 0.3916

Deuteranomaly

51.0741, 0.3842, 0.3823

Tritanomaly

51.3785, 0.3517, 0.3398

Monochromacy



Original Color

51.2201, 0.3774, 0.3882

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8745, 0.3354, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2201, 0.3774, 0.3882 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(214, 186, 137)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 137)  
}
```

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(214, 186, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 137) }
```

Border

The CSS property to change the border of an element to Yxy 51.2201, 0.3774, 0.3882 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(214, 186, 137) }
```

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

```
.border{ border-color:rgb(214, 186, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 186, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 137);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2201, 0.3774, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 137) }
```

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

```
.background{ background-color: rgb(214,  
186, 137) }
```

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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