

Converting Colors

$Yxy(49.8369, 0.3880, 0.4065)$

Have a look what the booklet for
Yxy(49.8369, 0.3880, 0.4065)
contains.

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Color

Yxy(49.9273, 0.3881, 0.4066)

Conversions

Conversions Part 1

Format	Color
Hex	D3B979
RGB	211, 185, 121
RGB Percent	83%, 73%, 47%
CMY	0.1727, 0.2744, 0.5255
CMYK	0.00, 0.12, 0.43, 0.17
HSL	43°, 51%, 65%
HSV	43°, 43%, 83%
XYZ	47.6556, 49.9273, 25.2092
YIQ	185.4780, 36.0400, -14.3920

Conversions

Conversions Part 2

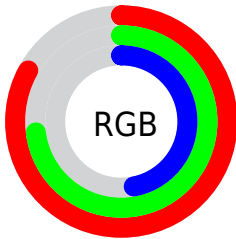
Format	Color
RYB	158, 211, 121
Decimal	13875577
CIELab	76.02, 0.56, 35.85
CIELCh	76, 35.859, 89.105
Yxy	49.9273, 0.3881, 0.4066
Android (android.graphics.Color)	4292065657 (0xFFD3B979)
YUV	185.4780, -31.7877, 22.3828
Hunter-Lab	70.6593, -3.2656, 28.3085

Details

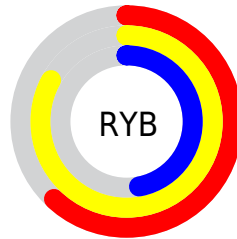
The Yxy color **49.9273, 0.3881, 0.4066** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6111, 0.2397, 0.2361**, and the grayscale version is **48.9602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2266, 0.3648, 0.3961**, and **23.9260, 0.4076, 0.4257** is the 20% darker color. If you saturate the color by 10%, you get **46.9761, 0.4079, 0.4234**, and if you desaturate by 10%, it is **53.1052, 0.3686, 0.3884**.

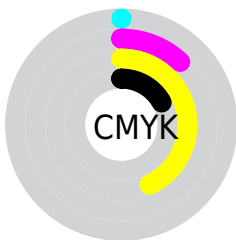
Distribution



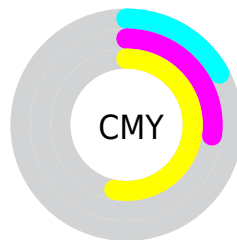
- Red (83%)
- Green (73%)
- Blue (47%)



- Red (62%)
- Yellow (83%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (17%)




- Cyan (17%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9273, 0.3881, 0.4066 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 49.9273, 0.3881, 0.4066 by changing the saturation by 10% instead.


 49.9273, 0.3881,
0.4066

 49.9273, 0.3881,
0.4066


386.3816, 0.3516,
0.3691


 35.3556, 0.3966,
0.4153


 90.0672, 0.3752,
0.3934

 23.9370, 0.4071,
0.4260


 116.4041, 0.3703,
0.3883

 15.2869, 0.4202,
0.4393


 147.4317, 0.3660,
0.3840

 9.0210, 0.4366,
0.4560

183.5342, 0.3624,
0.3802

 4.7549, 0.4586,
0.4780

225.0960, 0.3591,
0.3769

 2.1042, 0.4903,
0.5097

272.5016, 0.3563,

 0.6670, 0.4926,

0.3740

0.5074

326.1353, 0.3538,
0.3714

0.0000, 0.0000,
0.0000

49.9273, 0.3881,
0.4066

49.9273, 0.3881,
0.4066

46.9761, 0.4079,
0.4234

53.1052, 0.3686,
0.3884

44.2359, 0.4273,
0.4379

56.5109, 0.3500,
0.3698

41.6993, 0.4454,
0.4488

60.1544, 0.3326,
0.3513

39.3552, 0.4613,
0.4553

64.0427, 0.3167,
0.3336

37.1907, 0.4742,
0.4569

68.1825, 0.3022,
0.3167

■ 35.6989, 0.4820,
0.4555

■ 72.5802, 0.2892,
0.3011

■ 76.3306, 0.2851,
0.3001

■ 79.7289, 0.2855,
0.3066

■ 83.2461, 0.2858,
0.3131

Harmonies

Analogous

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



49.9273, 0.4095, 0.3760



49.9273, 0.3881, 0.4066



49.9273, 0.3470, 0.4178

Triad

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



49.9273, 0.3881, 0.4066



49.9273, 0.2298, 0.3095



49.9273, 0.3212, 0.2701

Complementary

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



49.9273, 0.3881, 0.4066



29.6111, 0.2397, 0.2361

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.



49.9273, 0.2737, 0.2531



49.9273, 0.3881, 0.4066



49.9273, 0.2241, 0.2719

Square

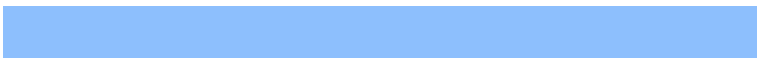
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.9273, 0.3881, 0.4066



49.9273, 0.2561, 0.3581



49.9273, 0.2394, 0.2530



49.9273, 0.3697, 0.3001

Rectangle

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



49.9273, 0.3881, 0.4066



49.9273, 0.3147, 0.4095



49.9273, 0.2394, 0.2530



49.9273, 0.3045, 0.2627

Sweetspot

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



49.9296, 0.3881, 0.4066



92.0981, 0.3335, 0.3522



29.6523, 0.3889, 0.2955



19.4395, 0.3372, 0.3563



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.



49.9296, 0.3881, 0.4066



72.6238, 0.4058, 0.4217



59.2839, 0.3610, 0.4393



13.1976, 0.3273, 0.3455



21.7359, 0.4809, 0.4564



1.3478, 0.4670, 0.4674

Inverse Universe

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



29.6111, 0.2397, 0.2361



37.5753, 0.2233, 0.2125



23.8600, 0.2482, 0.2026



11.9651, 0.2982, 0.3120



4.9957, 0.1606, 0.0982



0.4160, 0.1709, 0.1353

Previews

White Background



This preview shows how the Yxy color 49.9273, 0.3881, 0.4066 looks on a white background.

Color Contrast Check

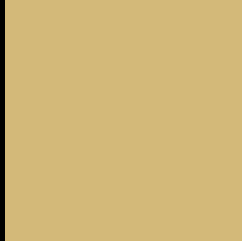
Large Text (above 18pt) WCAG AA × Fail

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 49.9273, 0.3881, 0.4066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

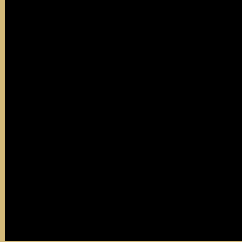
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9273, 0.3881, 0.4066

Background



This preview shows how black text looks on a background with the Yxy color 49.9273, 0.3881, 0.4066.



This preview shows how white text looks on a background with the Yxy color 49.9273, 0.3881, 0.4066.

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

49.9273, 0.3881, 0.4066

Protanopia

50.2089, 0.3795, 0.4107

Deuteranopia

49.6529, 0.4033, 0.3951



Tritanopia

49.6738, 0.3382, 0.3127

Trichromacy



Original Color

49.9273, 0.3881, 0.4066

Protanomaly

50.2112, 0.3827, 0.4087

Deuteranomaly

49.6685, 0.3977, 0.3986

Tritanomaly

49.4039, 0.3567, 0.3460

Monochromacy



Original Color

49.9273, 0.3881, 0.4066

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7759, 0.3390, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9273, 0.3881, 0.4066 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(211, 185, 121)` looks like.

```
.text, #text, p{  
    color:rgb(211, 185, 121)  
}
```

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(211, 185, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 185, 121) }
```

Border

The CSS property to change the border of an element to Yxy 49.9273, 0.3881, 0.4066 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(211, 185, 121) }
```

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

```
.border{ border-color:rgb(211, 185, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 185, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 185, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 185, 121);  
box-shadow:4px 4px 4px 4px rgb(211, 185,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9273, 0.3881, 0.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 185, 121) }
```

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

```
.background{ background-color: rgb(211,  
185, 121) }
```

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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