

Converting Colors

$Y_{xy}(49.0468, 0.3782, 0.3870)$

Have a look what the booklet for
Yxy(49.0468, 0.3782, 0.3870)
contains.

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Color

Yxy(49.0541, 0.3780, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	D3B687
RGB	211, 182, 135
RGB Percent	83%, 71%, 53%
CMY	0.1726, 0.2862, 0.4705
CMYK	0.00, 0.14, 0.36, 0.17
HSL	37°, 46%, 68%
HSV	37°, 36%, 83%
XYZ	47.9629, 49.0541, 29.8689
YIQ	185.3130, 32.3710, -8.4690

Conversions

Conversions Part 2

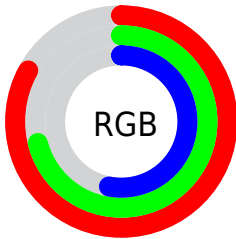
Format	Color
RYB	182, 211, 135
Decimal	13874823
CIELab	75.48, 3.74, 27.78
CIElCh	75, 28.031, 82.337
Yxy	49.0541, 0.3780, 0.3866
Android (android.graphics.Color)	4292064903 (0xFFD3B687)
YUV	185.3130, -24.8043, 22.5275
Hunter-Lab	70.0386, -0.3297, 23.7420

Details

The Yxy color $49.0541, 0.3780, 0.3866$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.4041, 0.2534, 0.2634$, and the grayscale version is $48.8276, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0832, 0.3559, 0.3783$, and $23.3250, 0.3952, 0.4007$ is the 20% darker color. If you saturate the color by 10%, you get $45.3173, 0.3998, 0.4024$, and if you desaturate by 10%, it is $53.1027, 0.3576, 0.3702$.

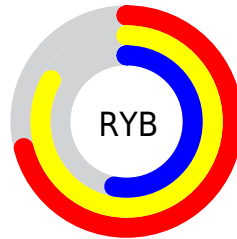
Distribution



Red (83%)

Green (71%)

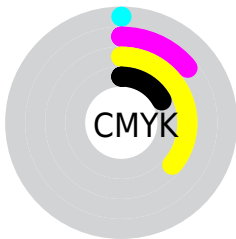
Blue (53%)



Red (71%)

Yellow (83%)

Blue (53%)

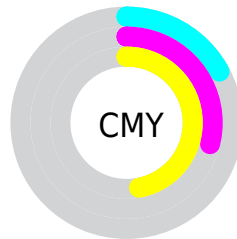


Cyan (0%)

Magenta (14%)

Yellow (36%)

Black (17%)



Cyan (17%)


Magenta (29%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0541, 0.3780, 0.3866 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 49.0541, 0.3780, 0.3866 by changing the saturation by 10% instead.


 49.0541, 0.3780,
0.3866


 49.0541, 0.3780,
0.3866


382.9553, 0.3458,
0.3587

 34.6624, 0.3858,
0.3932


 88.7718, 0.3665,
0.3767

 23.4029, 0.3955,
0.4014


 114.8666, 0.3621,
0.3729

 14.8913, 0.4081,
0.4117


 145.6312, 0.3584,
0.3697

 8.7431, 0.4248,
0.4251

181.4500, 0.3552,
0.3669

 4.5740, 0.4474,
0.4424

222.7074, 0.3524,
0.3644

 1.9996, 0.5077,
0.4923

269.7878, 0.3499,

 0.6072, 0.5240,

0.3623

0.4760

323.0757, 0.3478,
0.3604

0.0000, 0.0000,
0.0000

49.0541, 0.3780,
0.3866

49.0541, 0.3780,
0.3866

45.3173, 0.3998,
0.4024

53.1027, 0.3576,
0.3702

41.8753, 0.4224,
0.4167

57.4657, 0.3389,
0.3539

38.7194, 0.4451,
0.4284


62.1544, 0.3220,
0.3381

35.8376, 0.4665,
0.4362

67.1773, 0.3069,
0.3231


33.2163, 0.4857,
0.4393


72.5424, 0.2935,
0.3092

 30.8393, 0.5016,
0.4371

 77.8245, 0.2853,
0.3030

 29.9478, 0.5074,
0.4353

 82.4152, 0.2857,
0.3116

 87.2155, 0.2861,
0.3200

 92.2281, 0.2866,
0.3283

Harmonies

Analogous

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



49.0541, 0.3897, 0.3609



49.0541, 0.3780, 0.3866



49.0541, 0.3487, 0.3983

Triad

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



49.0541, 0.3780, 0.3866



49.0541, 0.2500, 0.3226



49.0541, 0.3108, 0.2775

Complementary

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



49.0541, 0.3780, 0.3866



36.4041, 0.2534, 0.2634

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.



49.0541, 0.2747, 0.2668



49.0541, 0.3780, 0.3866



49.0541, 0.2413, 0.2900

Square

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



49.0541, 0.3780, 0.3866



49.0541, 0.2749, 0.3601



49.0541, 0.2500, 0.2706



49.0541, 0.3497, 0.2999

Rectangle

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



49.0541, 0.3780, 0.3866



49.0541, 0.3238, 0.3946



49.0541, 0.2500, 0.2706



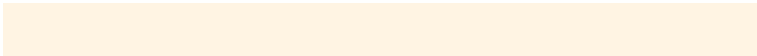
49.0541, 0.2980, 0.2725

Sweetspot

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



49.0564, 0.3780, 0.3866



91.6860, 0.3304, 0.3461



33.8656, 0.3654, 0.2929



19.4146, 0.3327, 0.3482



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.



49.0564, 0.3780, 0.3866



70.9926, 0.3942, 0.3985



60.9043, 0.3592, 0.4203



13.0085, 0.3275, 0.3434



18.2798, 0.5057, 0.4366



1.1728, 0.4858, 0.4525

Inverse Universe

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



36.4041, 0.2534, 0.2634



48.8858, 0.2404, 0.2469



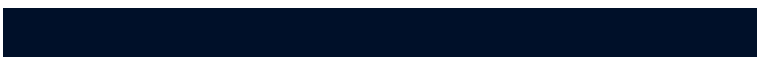
27.9547, 0.2548, 0.2233



12.1463, 0.2982, 0.3142



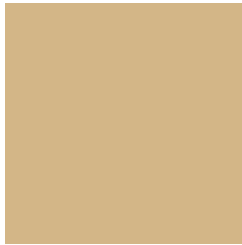
6.5271, 0.1673, 0.1221



0.5164, 0.1776, 0.1593

Previews

White Background



This preview shows how the Yxy color 49.0541, 0.3780, 0.3866 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 49.0541, 0.3780, 0.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

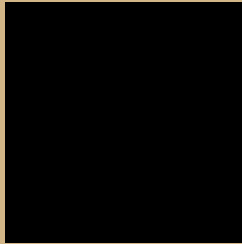
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0541, 0.3780, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 49.0541, 0.3780, 0.3866.



This preview shows how white text looks on a background with the Yxy color 49.0541, 0.3780, 0.3866.

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

49.0541, 0.3780, 0.3866

Protanopia

49.2033, 0.3647, 0.3910

Deuteranopia

48.8340, 0.3873, 0.3791



Tritanopia

49.0858, 0.3383, 0.3126

Trichromacy



Original Color

49.0541, 0.3780, 0.3866

Protanomaly

49.3129, 0.3695, 0.3903

Deuteranomaly

48.7695, 0.3840, 0.3808

Tritanomaly

49.1524, 0.3535, 0.3399

Monochromacy



Original Color

49.0541, 0.3780, 0.3866

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5403, 0.3350, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0541, 0.3780, 0.3866 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, 182, 135)` looks like.

```
.text, #text, p{  
    color:rgb(211, 182, 135)  
}
```

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, 182, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 182, 135) }
```

Border

The CSS property to change the border of an element to Yxy 49.0541, 0.3780, 0.3866 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, 182, 135) }
```

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

```
.border{ border-color:rgb(211, 182, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 182, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 182, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 182, 135);  
box-shadow:4px 4px 4px 4px rgb(211, 182,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0541, 0.3780, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 182, 135) }
```

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

```
.background{ background-color: rgb(211,  
182, 135) }
```

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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