

Converting Colors

$Yxy(49.1827, 0.3678, 0.3579)$

Have a look what the booklet for
Yxy(49.1827, 0.3678, 0.3579)
contains.

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Color

Yxy(49.3585, 0.3674, 0.3580)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D9B39B |
| RGB | 217, 179, 155 |
| RGB Percent | 85%, 70%, 61% |
| CMY | 0.1489, 0.2980, 0.3922 |
| CMYK | 0.00, 0.18, 0.29, 0.15 |
| HSL | 23°, 45%, 73% |
| HSV | 23°, 29%, 85% |
| XYZ | 50.6545, 49.3585, 37.8599 |
| YIQ | 187.6260, 30.3520, 0.5920 |

Conversions

Conversions Part 2

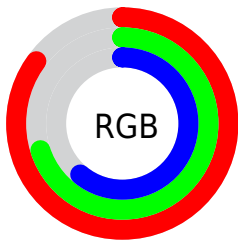
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 217, 194, 155 |
| Decimal | 14267291 |
| CIE Lab | 75.67, 10.24, 17.42 |
| CIE LCh | 76, 20.204, 59.564 |
| Yxy | 49.3585, 0.3674, 0.3580 |
| Android (android.graphics.Color) | 4292457371 (0xFFD9B39B) |
| YUV | 187.6260, -16.0846, 25.7610 |
| Hunter-Lab | 70.2556, 5.7517, 17.2283 |

Details

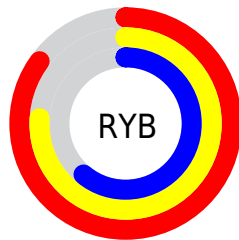
The Yxy color **49.3585, 0.3674, 0.3580** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1182, 0.2682, 0.2980**, and the grayscale version is **50.1476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3298, 0.3427, 0.3541**, and **23.4983, 0.3824, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **43.6193, 0.3926, 0.3686**, and if you desaturate by 10%, it is **55.7475, 0.3455, 0.3474**.

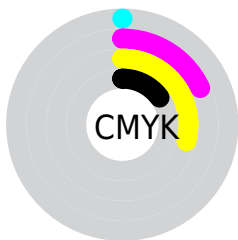
Distribution



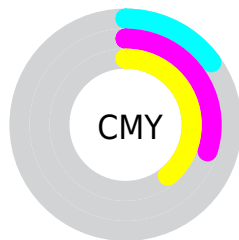
- Red (85%)
- Green (70%)
- Blue (61%)



- Red (85%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3585, 0.3674, 0.3580 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 49.3585, 0.3674, 0.3580 by changing the saturation by 10% instead.


 49.3585, 0.3674,
0.3580


 49.3585, 0.3674,
0.3580


384.1520, 0.3401,
0.3442

 34.9039, 0.3741,
0.3612


 89.2237, 0.3575,
0.3532

 23.5889, 0.3828,
0.3652


 115.4031, 0.3538,
0.3513

 15.0289, 0.3941,
0.3702


146.2596, 0.3507,
0.3497

 8.8397, 0.4097,
0.3767


182.1775, 0.3480,
0.3483

 4.6368, 0.4324,
0.3852

223.5413, 0.3456,
0.3471

 2.0358, 0.4703,
0.3983

270.7354, 0.3436,

 0.6281, 0.5742,

0.3460

0.4258

324.1442, 0.3418,
0.3450

0.0000, 0.0000,
0.0000

49.3585, 0.3674,
0.3580

49.3585, 0.3674,
0.3580

43.6193, 0.3926,
0.3686

55.7475, 0.3455,
0.3474

38.5016, 0.4210,
0.3786

62.7999, 0.3267,
0.3373

33.9849, 0.4522,
0.3870

70.5375, 0.3106,
0.3277

30.0447, 0.4851,
0.3928

78.9787, 0.2968,
0.3188

26.6546, 0.5176,
0.3945

87.5823, 0.2897,
0.3192

■ 23.7854, 0.5472,
0.3912

■ 93.4945, 0.2900,
0.3289

■ 21.4009, 0.5718,
0.3829

■ 21.0980, 0.5750,
0.3816

Harmonies

Analogous

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



49.3585, 0.3636, 0.3357



49.3585, 0.3674, 0.3580



49.3585, 0.3559, 0.3740

Triad

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



49.3585, 0.3674, 0.3580



49.3585, 0.2802, 0.3451



49.3585, 0.2911, 0.2842

Complementary

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



49.3585, 0.3674, 0.3580



50.1182, 0.2682, 0.2980

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.



49.3585, 0.2704, 0.2848



49.3585, 0.3674, 0.3580



49.3585, 0.2643, 0.3187

Square

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



49.3585, 0.3674, 0.3580



49.3585, 0.3051, 0.3675



49.3585, 0.2608, 0.2969



49.3585, 0.3185, 0.2945

Rectangle

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



49.3585, 0.3674, 0.3580



49.3585, 0.3414, 0.3783



49.3585, 0.2608, 0.2969



49.3585, 0.2832, 0.2831

Sweetspot

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



49.3608, 0.3674, 0.3580



89.9612, 0.3276, 0.3377



42.0526, 0.3375, 0.2839



18.9245, 0.3302, 0.3392



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.



49.3608, 0.3674, 0.3580



66.2765, 0.3814, 0.3641



63.1054, 0.3578, 0.3925



13.8740, 0.3282, 0.3381



12.9599, 0.5725, 0.3837



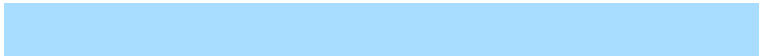
1.0037, 0.5422, 0.4077

Inverse Universe

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



50.1182, 0.2682, 0.2980



67.5203, 0.2594, 0.2908



37.8963, 0.2638, 0.2564



13.9390, 0.2982, 0.3197



13.3961, 0.1882, 0.1976



1.0331, 0.1948, 0.2213

Previews

White Background



This preview shows how the Yxy color 49.3585, 0.3674, 0.3580 looks on a white background.

Color Contrast Check

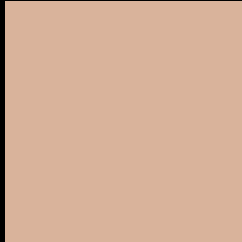
Large Text (above 18pt) WCAG AA × Fail

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 49.3585, 0.3674, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

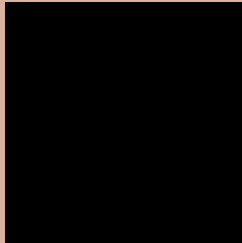
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3585, 0.3674, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 49.3585, 0.3674, 0.3580.



This preview shows how white text looks on a background with the Yxy color 49.3585, 0.3674, 0.3580.

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

49.3585, 0.3674, 0.3580

Protanopia

49.3568, 0.3430, 0.3634

Deuteranopia

49.2057, 0.3664, 0.3581



Tritanopia

49.2751, 0.3430, 0.3128

Trichromacy



Original Color

49.3585, 0.3674, 0.3580

Protanomaly

49.1730, 0.3517, 0.3603

Deuteranomaly

49.2057, 0.3664, 0.3581

Tritanomaly

49.4009, 0.3523, 0.3291

Monochromacy



Original Color

49.3585, 0.3674, 0.3580

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9746, 0.3319, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3585, 0.3674, 0.3580 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(217, 179, 155)` looks like.

```
.text, #text, p{  
    color:rgb(217, 179, 155)  
}
```

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(217, 179, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 179, 155) }
```

Border

The CSS property to change the border of an element to Yxy 49.3585, 0.3674, 0.3580 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(217, 179, 155) }
```

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

```
.border{ border-color:rgb(217, 179, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 179, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 179, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 179, 155);  
box-shadow:4px 4px 4px 4px rgb(217, 179,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3585, 0.3674, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 179, 155) }
```

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

```
.background{ background-color: rgb(217,  
179, 155) }
```

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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