

Converting Colors

$Yxy(45.6248, 0.3800, 0.3520)$

Have a look what the booklet for
Yxy(45.6248, 0.3800, 0.3520)
contains.

| | |
|---|----|
| Yxy(45.5473, 0.3805, 0.3519) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(45.5473, 0.3805, 0.3519)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DDA895 |
| RGB | 221, 168, 149 |
| RGB Percent | 87%, 66%, 58% |
| CMY | 0.1333, 0.3412, 0.4156 |
| CMYK | 0.00, 0.24, 0.33, 0.13 |
| HSL | 16°, 51%, 73% |
| HSV | 16°, 33%, 87% |
| XYZ | 49.2491, 45.5473, 34.6361 |
| YIQ | 181.6810, 37.6870, 5.3270 |

Conversions

Conversions Part 2

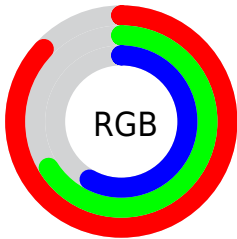
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 175, 149 |
| Decimal | 14526613 |
| CIE Lab | 73.25, 16.89, 17.35 |
| CIE LCh | 73, 24.219, 45.767 |
| Yxy | 45.5473, 0.3805, 0.3519 |
| Android (android.graphics.Color) | 4292716693 (0xFFDDA895) |
| YUV | 181.6810, -16.1117, 34.4828 |
| Hunter-Lab | 67.4887, 12.1529, 16.8137 |

Details

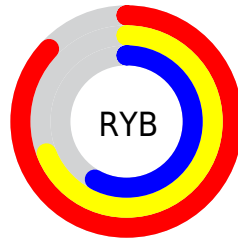
The Yxy color **45.5473, 0.3805, 0.3519** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.8647, 0.2634, 0.3047**, and the grayscale version is **46.6724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3471, 0.3497, 0.3494**, and **21.3720, 0.4011, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **39.2718, 0.4099, 0.3591**, and if you desaturate by 10%, it is **52.7130, 0.3555, 0.3446**.

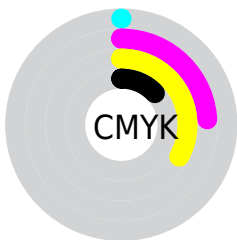
Distribution



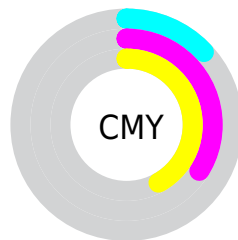
- Red (87%)
- Green (66%)
- Blue (58%)



- Red (87%)
- Yellow (69%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5473, 0.3805, 0.3519 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 45.5473, 0.3805, 0.3519 by changing the saturation by 10% instead.


 45.5473, 0.3805,
0.3519

 45.5473, 0.3805,
0.3519


368.9856, 0.3462,
0.3413

 31.8887, 0.3892,
0.3542


 83.5411, 0.3680,
0.3483

 21.2765, 0.4003,
0.3570


 108.6451, 0.3633,
0.3469

 13.3263, 0.4151,
0.3604


138.3330, 0.3593,
0.3456

 7.6536, 0.4358,
0.3644

172.9893, 0.3559,
0.3445

 3.8741, 0.4663,
0.3687

212.9983, 0.3530,
0.3436

 1.6034, 0.5279,
0.3809

258.7444, 0.3504,

 0.3599, 0.6771,

0.3428

0.3229

310.6121, 0.3482,
0.3420

0.0000, 0.0000,
0.0000

45.5473, 0.3805,
0.3519

45.5473, 0.3805,
0.3519

39.2718, 0.4099,
0.3591

52.7130, 0.3555,
0.3446

33.8447, 0.4437,
0.3654

60.7957, 0.3344,
0.3374

29.2305, 0.4810,
0.3701

69.8290, 0.3168,
0.3307

25.3886, 0.5199,
0.3719

79.8428, 0.3020,
0.3244

22.2743, 0.5571,
0.3698

90.5711, 0.2921,
0.3232

■ 19.8380, 0.5884,
0.3633

■ 94.1135, 0.2923,
0.3289

■ 18.4277, 0.6066,
0.3566

Harmonies

Analogous

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



45.5473, 0.3671, 0.3237



45.5473, 0.3805, 0.3519



45.5473, 0.3745, 0.3762

Triad

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



45.5473, 0.3805, 0.3519



45.5473, 0.2857, 0.3631



45.5473, 0.2731, 0.2730

Complementary

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



45.5473, 0.3805, 0.3519



53.8647, 0.2634, 0.3047

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.



45.5473, 0.2538, 0.2798



45.5473, 0.3805, 0.3519



45.5473, 0.2607, 0.3308

Square

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



45.5473, 0.3805, 0.3519



45.5473, 0.3188, 0.3853



45.5473, 0.2494, 0.3002



45.5473, 0.3036, 0.2799

Rectangle

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



45.5473, 0.3805, 0.3519



45.5473, 0.3606, 0.3867



45.5473, 0.2494, 0.3002



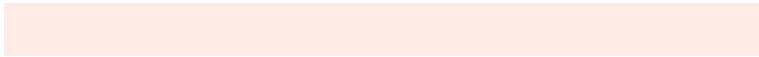
45.5473, 0.2651, 0.2737

Sweetspot

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



45.5494, 0.3805, 0.3519



87.0652, 0.3297, 0.3357



41.1860, 0.3328, 0.2669



18.2697, 0.3323, 0.3367



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.



45.5494, 0.3805, 0.3519



57.0086, 0.3998, 0.3568



60.2608, 0.3677, 0.3914



13.6071, 0.3285, 0.3352



10.8624, 0.6039, 0.3587



0.8440, 0.5715, 0.3844

Inverse Universe

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



53.8647, 0.2634, 0.3047



70.1577, 0.2540, 0.2988



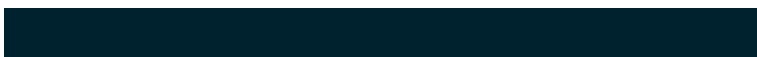
39.2549, 0.2576, 0.2575



14.2182, 0.2982, 0.3227



18.3865, 0.2004, 0.2415



1.3289, 0.2049, 0.2575

Previews

White Background



This preview shows how the Yxy color 45.5473, 0.3805, 0.3519 looks on a white background.

Color Contrast Check

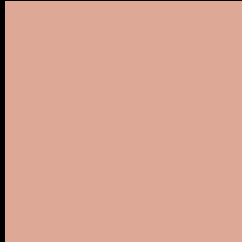
Large Text (above 18pt) WCAG AA × Fail

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 45.5473, 0.3805, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

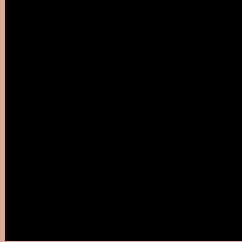
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5473, 0.3805, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 45.5473, 0.3805, 0.3519.



This preview shows how white text looks on a background with the Yxy color 45.5473, 0.3805, 0.3519.

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

45.5473, 0.3805, 0.3519

Protanopia

45.8279, 0.3413, 0.3619

Deuteranopia

45.5806, 0.3682, 0.3603



Tritanopia

45.5725, 0.3578, 0.3139

Trichromacy



Original Color

45.5473, 0.3805, 0.3519

Protanomaly

45.7681, 0.3552, 0.3584

Deuteranomaly

45.4101, 0.3727, 0.3574

Tritanomaly

45.3883, 0.3662, 0.3268

Monochromacy



Original Color

45.5473, 0.3805, 0.3519

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0823, 0.3355, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5473, 0.3805, 0.3519 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(221, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(221, 168, 149)  
}
```

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(221, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 168, 149) }
```

Border

The CSS property to change the border of an element to Yxy 45.5473, 0.3805, 0.3519 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(221, 168, 149) }
```

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

```
.border{ border-color:rgb(221, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 168, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 168, 149); box-shadow:4px 4px 4px 4px rgb(221, 168, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5473, 0.3805, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 168, 149) }
```

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

```
.background{ background-color: rgb(221,  
168, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor