

Converting Colors

$Yxy(43.4133, 0.3870, 0.3597)$

Have a look what the booklet for
Yxy(43.4133, 0.3870, 0.3597)
contains.

| | |
|--|----|
| Yxy(43.5554, 0.3865, 0.3596) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(43.5554, 0.3865, 0.3596)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D9A58C |
| RGB | 217, 165, 140 |
| RGB Percent | 85%, 65%, 55% |
| CMY | 0.1489, 0.3530, 0.4510 |
| CMYK | 0.00, 0.24, 0.35, 0.15 |
| HSL | 19°, 50%, 70% |
| HSV | 19°, 35%, 85% |
| XYZ | 46.8136, 43.5554, 30.7528 |
| YIQ | 177.6980, 39.0170, 3.2490 |

Conversions

Conversions Part 2

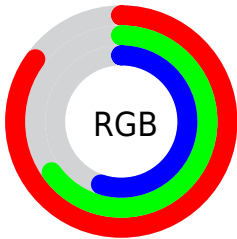
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 217, 177, 140 |
| Decimal | 14263692 |
| CIE Lab | 71.93, 15.85, 20.38 |
| CIE LCh | 72, 25.823, 52.123 |
| Yxy | 43.5554, 0.3865, 0.3596 |
| Android (android.graphics.Color) | 4292453772 (0xFFD9A58C) |
| YUV | 177.6980, -18.5851, 34.4679 |
| Hunter-Lab | 65.9965, 11.1222, 18.5698 |

Details

The Yxy color **43.5554, 0.3865, 0.3596** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3144, 0.2585, 0.2959**, and the grayscale version is **44.4399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3414, 0.3567, 0.3557**, and **20.1255, 0.4085, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **37.9887, 0.4156, 0.3682**, and if you desaturate by 10%, it is **49.8592, 0.3613, 0.3506**.

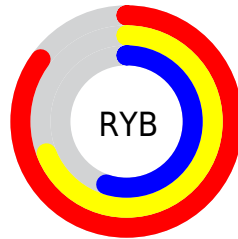
Distribution



Red (85%)

Green (65%)

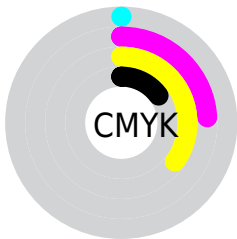
Blue (55%)



Red (85%)

Yellow (69%)

Blue (55%)

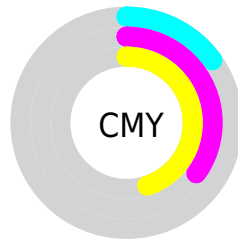


Cyan (0%)

Magenta (24%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5554, 0.3865, 0.3596 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 43.5554, 0.3865, 0.3596 by changing the saturation by 10% instead.


 43.5554, 0.3865,
0.3596

 43.5554, 0.3865,
0.3596


360.8909, 0.3489,
0.3452


 30.3211, 0.3960,
0.3628


 80.5483, 0.3727,
0.3546

 20.0825, 0.4083,
0.3667


 105.0757, 0.3676,
0.3527

 12.4550, 0.4246,
0.3714


 134.1364, 0.3632,
0.3510

 7.0544, 0.4474,
0.3771

168.1145, 0.3595,
0.3496

 3.4961, 0.4808,
0.3832

207.3947, 0.3563,
0.3483

 1.3959, 0.5771,
0.4189

252.3612, 0.3536,

 0.2137, 0.7342,

0.3471

0.2658

303.3985, 0.3511,
0.3461

0.0000, 0.0000,
0.0000

43.5554, 0.3865,
0.3596

43.5554, 0.3865,
0.3596

37.9887, 0.4156,
0.3682

49.8592, 0.3613,
0.3506

33.1250, 0.4483,
0.3757

56.9203, 0.3398,
0.3418

28.9367, 0.4836,
0.3810

64.7656, 0.3215,
0.3334

25.3916, 0.5196,
0.3828

73.4188, 0.3061,
0.3255

22.4546, 0.5532,
0.3801

82.9026, 0.2930,
0.3183

■ 20.0860, 0.5811,
0.3725

■ 92.2186, 0.2899,
0.3269

■ 19.1862, 0.5919,
0.3682

■ 93.4981, 0.2900,
0.3289

Harmonies

Analogous

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



43.5554, 0.3764, 0.3295



43.5554, 0.3865, 0.3596



43.5554, 0.3755, 0.3842

Triad

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



43.5554, 0.3865, 0.3596



43.5554, 0.2767, 0.3591



43.5554, 0.2760, 0.2692

Complementary

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



43.5554, 0.3865, 0.3596



48.3144, 0.2585, 0.2959

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.



43.5554, 0.2523, 0.2731



43.5554, 0.3865, 0.3596



43.5554, 0.2526, 0.3232

Square

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



43.5554, 0.3865, 0.3596



43.5554, 0.3113, 0.3866



43.5554, 0.2441, 0.2919



43.5554, 0.3107, 0.2794

Rectangle

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



43.5554, 0.3865, 0.3596



43.5554, 0.3583, 0.3936



43.5554, 0.2441, 0.2919



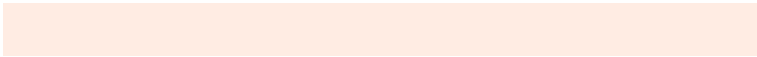
43.5554, 0.2666, 0.2688

Sweetspot

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



43.5575, 0.3865, 0.3596



86.8206, 0.3314, 0.3380



37.3509, 0.3402, 0.2670



18.2566, 0.3339, 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.



43.5575, 0.3865, 0.3596



56.3248, 0.4091, 0.3665



59.3253, 0.3711, 0.4025



13.7375, 0.3283, 0.3366



11.7805, 0.5893, 0.3703



0.9169, 0.5573, 0.3957

Inverse Universe

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



48.3144, 0.2585, 0.2959



64.1664, 0.2472, 0.2871



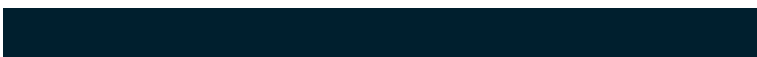
33.7422, 0.2512, 0.2427



14.0806, 0.2982, 0.3212



15.7952, 0.1944, 0.2200



1.1773, 0.2000, 0.2398

Previews

White Background



This preview shows how the Yxy color 43.5554, 0.3865, 0.3596 looks on a white background.

Color Contrast Check

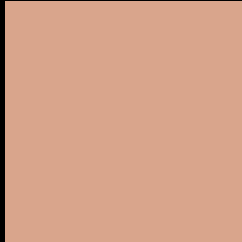
Large Text (above 18pt) WCAG AA × Fail

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 43.5554, 0.3865, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

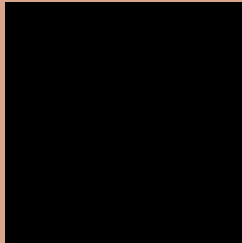
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5554, 0.3865, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 43.5554, 0.3865, 0.3596.



This preview shows how white text looks on a background with the Yxy color 43.5554, 0.3865, 0.3596.

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

43.5554, 0.3865, 0.3596

Protanopia

43.6598, 0.3490, 0.3705

Deuteranopia

43.7353, 0.3746, 0.3683



Tritanopia

43.3744, 0.3589, 0.3136

Trichromacy



Original Color

43.5554, 0.3865, 0.3596

Protanomaly

43.4940, 0.3625, 0.3667

Deuteranomaly

43.5710, 0.3793, 0.3653

Tritanomaly

43.4739, 0.3691, 0.3304

Monochromacy



Original Color

43.5554, 0.3865, 0.3596

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7739, 0.3378, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5554, 0.3865, 0.3596 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, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 140)  
}
```

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, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 140) }
```

Border

The CSS property to change the border of an element to Yxy 43.5554, 0.3865, 0.3596 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, 165, 140) }
```

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

```
.border{ border-color:rgb(217, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 165, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 165, 140); box-shadow:4px 4px 4px 4px rgb(217, 165, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5554, 0.3865, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 140) }
```

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

```
.background{ background-color: rgb(217,  
165, 140) }
```

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