

Converting Colors

Yxy(43.5139, 0.3689, 0.3542)

Have a look what the booklet for
Yxy(43.5139, 0.3689, 0.3542)
contains.

| | |
|---|----|
| Yxy(43.5533, 0.3689, 0.3542) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(43.5533, 0.3689, 0.3542)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D0A894 |
| RGB | 208, 168, 148 |
| RGB Percent | 82%, 66%, 58% |
| CMY | 0.1843, 0.3412, 0.4195 |
| CMYK | 0.00, 0.19, 0.29, 0.18 |
| HSL | 20°, 39%, 70% |
| HSV | 20°, 29%, 82% |
| XYZ | 45.3608, 43.5533, 34.0483 |
| YIQ | 177.6800, 30.2600, 2.2600 |

Conversions

Conversions Part 2

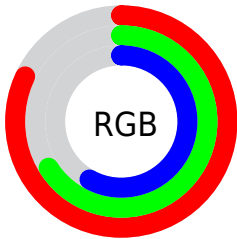
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 208, 178, 148 |
| Decimal | 13674644 |
| CIE Lab | 71.93, 11.73, 15.85 |
| CIE LCh | 72, 19.721, 53.491 |
| Yxy | 43.5533, 0.3689, 0.3542 |
| Android (android.graphics.Color) | 4291864724 (0xFFD0A894) |
| YUV | 177.6800, -14.6322, 26.5906 |
| Hunter-Lab | 65.9949, 7.1988, 15.6074 |

Details

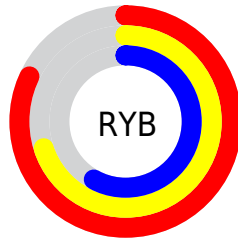
The Yxy color $43.5533, 0.3689, 0.3542$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $46.8299, 0.2684, 0.3022$, and the grayscale version is $44.4117, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2996, 0.3504, 0.3504$, and $20.1262, 0.3865, 0.3612$ is the 20% darker color. If you saturate the color by 10%, you get $38.1025, 0.3951, 0.3633$, and if you desaturate by 10%, it is $49.6729, 0.3464, 0.3451$.

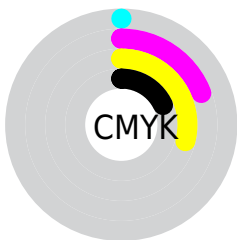
Distribution



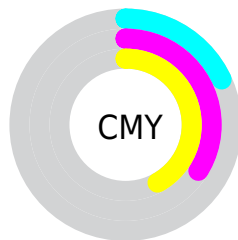
- Red (82%)
- Green (66%)
- Blue (58%)



- Red (82%)
- Yellow (70%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5533, 0.3689, 0.3542 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 43.5533, 0.3689, 0.3542 by changing the saturation by 10% instead.


 43.5533, 0.3689,
0.3542

 43.5533, 0.3689,
0.3542


360.8823, 0.3403,
0.3421

 30.3195, 0.3762,
0.3570


 80.5451, 0.3584,
0.3499

 20.0812, 0.3856,
0.3606


 105.0720, 0.3545,
0.3483

 12.4541, 0.3982,
0.3651


134.1319, 0.3512,
0.3469

 7.0537, 0.4160,
0.3708

168.1094, 0.3484,
0.3456

 3.4957, 0.4426,
0.3783

207.3887, 0.3459,
0.3446

 1.3957, 0.5040,
0.4012

252.3544, 0.3438,

 0.2135, 0.6962,

0.3436

0.3038

303.3908, 0.3419,
0.3428

0.0000, 0.0000,
0.0000

43.5533, 0.3689,
0.3542

43.5533, 0.3689,
0.3542

38.1025, 0.3951,
0.3633

49.6729, 0.3464,
0.3451

33.2911, 0.4251,
0.3719

56.4775, 0.3272,
0.3363

29.0963, 0.4583,
0.3790

63.9902, 0.3109,
0.3281

25.4913, 0.4936,
0.3835

72.2311, 0.2972,
0.3205

22.4474, 0.5287,
0.3842

81.2196, 0.2855,
0.3135

■ 19.9328, 0.5605,
0.3800

■ 89.7718, 0.2847,
0.3250

■ 17.9079, 0.5863,
0.3714

■ 92.1486, 0.2849,
0.3289

■ 17.6983, 0.5892,
0.3704

Harmonies

Analogous

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



43.5533, 0.3618, 0.3310



43.5533, 0.3689, 0.3542



43.5533, 0.3601, 0.3723

Triad

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



43.5533, 0.3689, 0.3542



43.5533, 0.2842, 0.3506



43.5533, 0.2857, 0.2827

Complementary

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



43.5533, 0.3689, 0.3542



46.8299, 0.2684, 0.3022

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.



43.5533, 0.2667, 0.2856



43.5533, 0.3689, 0.3542



43.5533, 0.2658, 0.3238

Square

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



43.5533, 0.3689, 0.3542



43.5533, 0.3107, 0.3716



43.5533, 0.2596, 0.3001



43.5533, 0.3128, 0.2910

Rectangle

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



43.5533, 0.3689, 0.3542



43.5533, 0.3468, 0.3785



43.5533, 0.2596, 0.3001



43.5533, 0.2782, 0.2823

Sweetspot

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



43.5553, 0.3689, 0.3542



89.2288, 0.3277, 0.3365



38.2750, 0.3338, 0.2790



18.7448, 0.3303, 0.3378



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.



43.5553, 0.3689, 0.3542



63.2471, 0.3857, 0.3603



55.4804, 0.3593, 0.3884



12.4423, 0.3282, 0.3368



11.1912, 0.5866, 0.3724



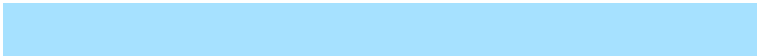
0.7704, 0.5507, 0.4010

Inverse Universe

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



46.8299, 0.2684, 0.3022



69.2996, 0.2586, 0.2951



35.6597, 0.2641, 0.2616



12.7160, 0.2983, 0.3211



14.4816, 0.1936, 0.2171



0.9523, 0.2000, 0.2400

Previews

White Background



This preview shows how the Yxy color 43.5533, 0.3689, 0.3542 looks on a white background.

Color Contrast Check

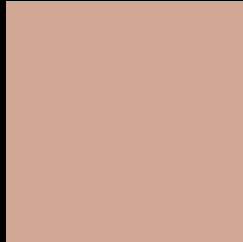
Large Text (above 18pt) WCAG AA × Fail

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 43.5533, 0.3689, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

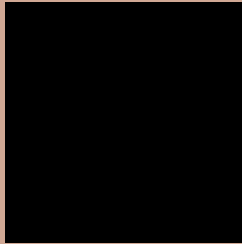
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5533, 0.3689, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 43.5533, 0.3689, 0.3542.



This preview shows how white text looks on a background with the Yxy color 43.5533, 0.3689, 0.3542.

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

43.5533, 0.3689, 0.3542

Protanopia

43.6320, 0.3411, 0.3612

Deuteranopia

43.7249, 0.3644, 0.3571



Tritanopia

43.5741, 0.3456, 0.3132

Trichromacy



Original Color

43.5533, 0.3689, 0.3542

Protanomaly

43.4590, 0.3502, 0.3580

Deuteranomaly

43.4932, 0.3657, 0.3557

Tritanomaly

43.3651, 0.3547, 0.3279

Monochromacy



Original Color

43.5533, 0.3689, 0.3542

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8809, 0.3322, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5533, 0.3689, 0.3542 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(208, 168, 148)` looks like.

```
.text, #text, p{  
    color:rgb(208, 168, 148)  
}
```

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(208, 168, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 168, 148) }
```

Border

The CSS property to change the border of an element to Yxy 43.5533, 0.3689, 0.3542 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(208, 168, 148) }
```

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

```
.border{ border-color:rgb(208, 168, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 168, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 168, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 168, 148);  
box-shadow:4px 4px 4px 4px rgb(208, 168,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5533, 0.3689, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 168, 148) }
```

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

```
.background{ background-color: rgb(208,  
168, 148) }
```

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