

Converting Colors

$Yxy(54.5367, 0.3558, 0.3827)$

Have a look what the booklet for
Yxy(54.5367, 0.3558, 0.3827)
contains.

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Color

Yxy(54.3864, 0.3559, 0.3829)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CEC397 |
| RGB | 206, 195, 151 |
| RGB Percent | 81%, 76%, 59% |
| CMY | 0.1922, 0.2353, 0.4079 |
| CMYK | 0.00, 0.05, 0.27, 0.19 |
| HSL | 48°, 36%, 70% |
| HSV | 48°, 27%, 81% |
| XYZ | 50.5514, 54.3864, 37.1004 |
| YIQ | 193.2730, 20.6800, -11.3520 |

Conversions

Conversions Part 2

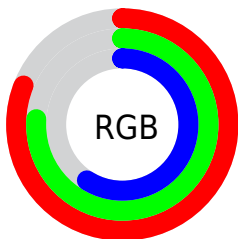
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 165, 206, 151 |
| Decimal | 13550487 |
| CIELab | 78.69, -3.03, 23.56 |
| CIELCh | 79, 23.755, 97.318 |
| Yxy | 54.3864, 0.3559, 0.3829 |
| Android (android.graphics.Color) | 4291740567 (0xFFCEC397) |
| YUV | 193.2730, -20.8406, 11.1616 |
| Hunter-Lab | 73.7471, -6.7013, 21.7957 |

Details

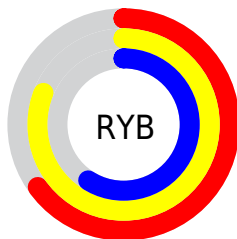
The Yxy color **54.3864, 0.3559, 0.3829** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8590, 0.2682, 0.2686**, and the grayscale version is **53.6130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6621, 0.3431, 0.3743**, and **26.5492, 0.3669, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **51.9594, 0.3735, 0.4034**, and if you desaturate by 10%, it is **56.9860, 0.3389, 0.3623**.

Distribution



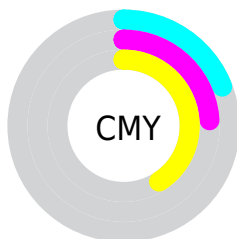
- Red (81%)
- Green (76%)
- Blue (59%)



- Red (65%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3864, 0.3559, 0.3829 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 54.3864, 0.3559, 0.3829 by changing the saturation by 10% instead.


 54.3864, 0.3559,
0.3829


 54.3864, 0.3559,
0.3829


403.5818, 0.3351,
0.3566

 38.9107, 0.3608,
0.3892

 96.6414, 0.3485,
0.3735

 26.6902, 0.3670,
0.3972


 124.1894, 0.3457,
0.3699

 17.3407, 0.3748,
0.4075


156.5303, 0.3433,
0.3669

 10.4777, 0.3852,
0.4212

194.0484, 0.3412,
0.3643

 5.7168, 0.3992,
0.4404

237.1283, 0.3394,
0.3620

 2.6737, 0.4216,
0.4716

286.1542, 0.3378,

 0.9638, 0.4657,

0.3600

0.5343

341.5105, 0.3364,
0.3582

0.0000, 0.0000,
0.0000

54.3864, 0.3559,
0.3829

54.3864, 0.3559,
0.3829

51.9594, 0.3735,
0.4034

56.9860, 0.3389,
0.3623

49.6912, 0.3912,
0.4228

59.7568, 0.3228,
0.3421

47.5772, 0.4084,
0.4403

62.7071, 0.3079,
0.3228

45.6095, 0.4243,
0.4548

65.8421, 0.2943,
0.3046

43.7796, 0.4381,
0.4654

69.1669, 0.2819,
0.2876

■ 42.0773, 0.4493,
0.4715

■ 71.3610, 0.2815,
0.2911

■ 40.4895, 0.4575,
0.4730

■ 73.5422, 0.2818,
0.2956

■ 39.9842, 0.4600,
0.4730

■ 75.7768, 0.2821,
0.3001

■ 78.0653, 0.2824,
0.3046

Harmonies

Analogous

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



54.3864, 0.3732, 0.3673



54.3864, 0.3559, 0.3829



54.3864, 0.3274, 0.3837

Triad

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



54.3864, 0.3559, 0.3829



54.3864, 0.2554, 0.3098



54.3864, 0.3276, 0.2946

Complementary

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



54.3864, 0.3559, 0.3829



36.8590, 0.2682, 0.2686

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.



54.3864, 0.2957, 0.2804



54.3864, 0.3559, 0.3829



54.3864, 0.2554, 0.2876

Square

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



54.3864, 0.3559, 0.3829



54.3864, 0.2699, 0.3395



54.3864, 0.2697, 0.2775



54.3864, 0.3566, 0.3170

Rectangle

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



54.3864, 0.3559, 0.3829



54.3864, 0.3063, 0.3746



54.3864, 0.2697, 0.2775



54.3864, 0.3168, 0.2887

Sweetspot

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



54.3889, 0.3559, 0.3829



96.1841, 0.3250, 0.3448



37.8541, 0.3583, 0.3152



20.4383, 0.3274, 0.3479



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.



54.3889, 0.3559, 0.3829



85.8560, 0.3659, 0.3946



57.2540, 0.3392, 0.3983



12.7014, 0.3270, 0.3474



24.7624, 0.4593, 0.4735



1.3768, 0.4500, 0.4809

Inverse Universe

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



36.8590, 0.2682, 0.2686



52.8426, 0.2576, 0.2534



34.8492, 0.2808, 0.2559



11.2006, 0.2982, 0.3099



3.8367, 0.1558, 0.0807



0.3073, 0.1657, 0.1166

Previews

White Background



This preview shows how the Yxy color 54.3864, 0.3559, 0.3829 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 54.3864, 0.3559, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

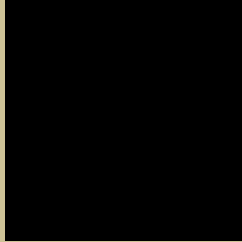
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3864, 0.3559, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 54.3864, 0.3559, 0.3829.

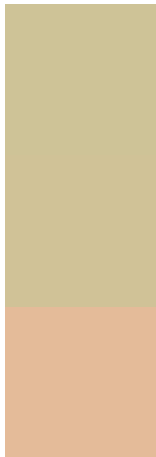


This preview shows how white text looks on a background with the Yxy color 54.3864, 0.3559, 0.3829.

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

54.3864, 0.3559, 0.3829

Protanopia

54.2278, 0.3579, 0.3814

Deuteranopia

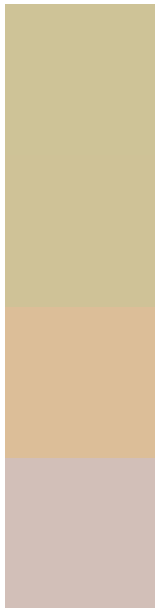
54.3345, 0.3762, 0.3682



Tritanopia

54.2753, 0.3209, 0.3115

Trichromacy



Original Color

54.3864, 0.3559, 0.3829

Protanomaly

54.0833, 0.3571, 0.3816

Deuteranomaly

54.3096, 0.3689, 0.3739

Tritanomaly

54.4239, 0.3339, 0.3374

Monochromacy



Original Color

54.3864, 0.3559, 0.3829

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8037, 0.3281, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3864, 0.3559, 0.3829 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(206, 195, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 151)  
}
```

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(206, 195, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 151) }
```

Border

The CSS property to change the border of an element to Yxy 54.3864, 0.3559, 0.3829 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(206, 195, 151) }
```

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

```
.border{ border-color:rgb(206, 195, 151) }
```

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

Here you see how a box with a 4 pixel rgb(206, 195, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3864, 0.3559, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 151) }
```

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

```
.background{ background-color: rgb(206,  
195, 151) }
```

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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