

Converting Colors

Yxy(58.5243, 0.3535, 0.3827)

Have a look what the booklet for
Yxy(58.5243, 0.3535, 0.3827)
contains.

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Color

Yxy(58.5243, 0.3535, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	D3CA9D
RGB	211, 202, 157
RGB Percent	83%, 79%, 62%
CMY	0.1727, 0.2078, 0.3843
CMYK	0.00, 0.04, 0.26, 0.17
HSL	50°, 38%, 72%
HSV	50°, 26%, 83%
XYZ	54.0589, 58.5243, 40.3415
YIQ	199.5610, 19.8090, -12.0870

Conversions

Conversions Part 2

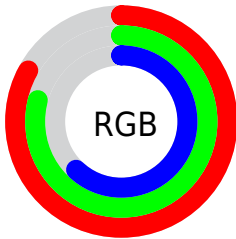
Format	Color
RYB	168, 211, 157
Decimal	13879965
CIELab	81.03, -3.96, 23.65
CIELCh	81, 23.976, 99.516
Yxy	58.5243, 0.3535, 0.3827
Android (android.graphics.Color)	4292070045 (0xFFD3CA9D)
YUV	199.5610, -20.9826, 10.0320
Hunter-Lab	76.5012, -7.7416, 22.2853

Details

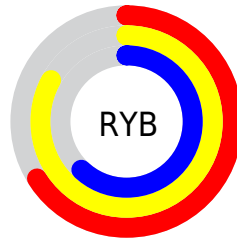
The Yxy color **58.5243, 0.3535, 0.3827** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1116, 0.2700, 0.2689**, and the grayscale version is **57.5944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **29.2676, 0.3642, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **56.2478, 0.3706, 0.4040**, and if you desaturate by 10%, it is **60.9675, 0.3369, 0.3613**.

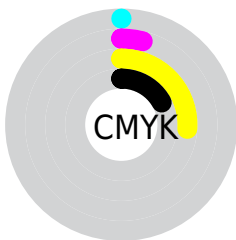
Distribution



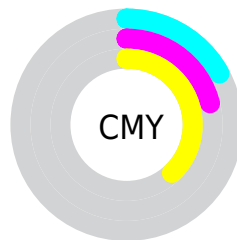
- Red (83%)
- Green (79%)
- Blue (62%)



- Red (66%)
- Yellow (83%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)
- Black (17%)





- Cyan (17%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5243, 0.3535, 0.3827 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 58.5243, 0.3535, 0.3827 by changing the saturation by 10% instead.

 58.5243, 0.3535,
0.3827


 58.5243, 0.3535,
0.3827


419.1368, 0.3341,
0.3568

 42.2303, 0.3580,
0.3889


 102.6860, 0.3467,
0.3735

 29.2817, 0.3636,
0.3966


 131.3224, 0.3441,
0.3700

 19.2940, 0.3707,
0.4065


164.8418, 0.3418,
0.3670

 11.8829, 0.3800,
0.4198

203.6286, 0.3399,
0.3644

 6.6640, 0.3924,
0.4381

248.0670, 0.3382,
0.3621

 3.2529, 0.4095,
0.4646

298.5416, 0.3367,

 1.2651, 0.4614,

0.3601

0.5386

355.4367, 0.3353,
0.3583

■ 0.1140, 0.0920,
0.9080

■ 0.0000, 0.0000,
0.0000

■ 58.5243, 0.3535,
0.3827

■ 58.5243, 0.3535,
0.3827

■ 56.2478, 0.3706,
0.4040

■ 60.9675, 0.3369,
0.3613

■ 54.1236, 0.3877,
0.4242

■ 63.5756, 0.3211,
0.3403

■ 52.1469, 0.4040,
0.4426

■ 66.3572, 0.3063,
0.3203

■ 50.3099, 0.4190,
0.4579

■ 69.3177, 0.2928,
0.3014

■ 48.6037, 0.4319,
0.4694

■ 71.9718, 0.2847,
0.2912

■ 47.0179, 0.4421,
0.4765

■ 73.8173, 0.2849,
0.2950

■ 45.5399, 0.4495,
0.4789

■ 75.7013, 0.2851,
0.2988

■ 44.9105, 0.4522,
0.4792

■ 77.6239, 0.2853,
0.3026

■ 79.5855, 0.2854,
0.3063

Harmonies

Analogous

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



58.5243, 0.3715, 0.3683



58.5243, 0.3535, 0.3827



58.5243, 0.3250, 0.3822

Triad

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



58.5243, 0.3535, 0.3827



58.5243, 0.2558, 0.3082



58.5243, 0.3297, 0.2965

Complementary

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



58.5243, 0.3535, 0.3827



39.1116, 0.2700, 0.2689

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.



58.5243, 0.2981, 0.2817



58.5243, 0.3535, 0.3827



58.5243, 0.2568, 0.2871

Square

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



58.5243, 0.3535, 0.3827



58.5243, 0.2691, 0.3371



58.5243, 0.2719, 0.2780



58.5243, 0.3577, 0.3191

Rectangle

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



58.5243, 0.3535, 0.3827



58.5243, 0.3041, 0.3725



58.5243, 0.2719, 0.2780



58.5243, 0.3191, 0.2905

Sweetspot

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



58.5269, 0.3535, 0.3827



96.6204, 0.3249, 0.3455



40.7057, 0.3577, 0.3180



20.5489, 0.3273, 0.3487



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.



58.5269, 0.3535, 0.3827



87.8498, 0.3633, 0.3950



60.3302, 0.3367, 0.3956



13.4507, 0.3270, 0.3483



27.2469, 0.4516, 0.4796



1.6142, 0.4447, 0.4851

Inverse Universe

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



39.1116, 0.2700, 0.2689



52.8520, 0.2591, 0.2529



37.9237, 0.2839, 0.2595



11.7292, 0.2982, 0.3090



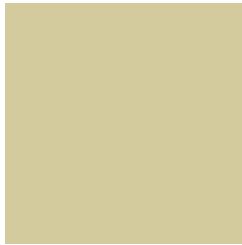
3.6616, 0.1542, 0.0752



0.3052, 0.1627, 0.1057

Previews

White Background



This preview shows how the Yxy color 58.5243, 0.3535, 0.3827 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 58.5243, 0.3535, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

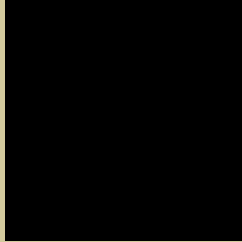
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

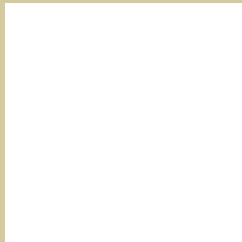
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5243, 0.3535, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 58.5243, 0.3535, 0.3827.



This preview shows how white text looks on a background with the Yxy color 58.5243, 0.3535, 0.3827.

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

58.5243, 0.3535, 0.3827

Protanopia

58.4697, 0.3571, 0.3823

Deuteranopia

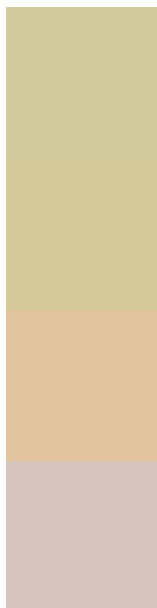
58.3053, 0.3752, 0.3671



Tritanopia

58.5888, 0.3199, 0.3120

Trichromacy



Original Color

58.5243, 0.3535, 0.3827

Protanomaly

58.3197, 0.3563, 0.3824

Deuteranomaly

58.1172, 0.3673, 0.3727

Tritanomaly

58.5968, 0.3316, 0.3372

Monochromacy



Original Color

58.5243, 0.3535, 0.3827

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0713, 0.3276, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5243, 0.3535, 0.3827 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(211, 202, 157)` looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 157)  
}
```

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(211, 202, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 157) }
```

Border

The CSS property to change the border of an element to Yxy 58.5243, 0.3535, 0.3827 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(211, 202, 157) }
```

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

```
.border{ border-color:rgb(211, 202, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 202, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 157);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5243, 0.3535, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 157) }
```

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

```
.background{ background-color: rgb(211,  
202, 157) }
```

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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