

Converting Colors

$Yxy(57.8700, 0.3590, 0.3938)$

Have a look what the booklet for
Yxy(57.8700, 0.3590, 0.3938)
contains.

Yxy(57.9345, 0.3586, 0.3938)	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(57.9345, 0.3586, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	D1CA94
RGB	209, 202, 148
RGB Percent	82%, 79%, 58%
CMY	0.1805, 0.2078, 0.4195
CMYK	0.00, 0.03, 0.29, 0.18
HSL	53°, 40%, 70%
HSV	53°, 29%, 82%
XYZ	52.7560, 57.9345, 36.4261
YIQ	197.9370, 21.5060, -15.3100

Conversions

Conversions Part 2

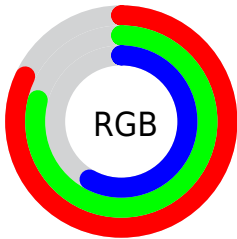
Format	Color
RYB	156, 209, 148
Decimal	13748884
CIELab	80.70, -5.91, 27.89
CIELCh	81, 28.508, 101.964
Yxy	57.9345, 0.3586, 0.3938
Android (android.graphics.Color)	4291938964 (0xFFD1CA94)
YUV	197.9370, -24.6189, 9.7023
Hunter-Lab	76.1147, -9.4803, 24.9060

Details

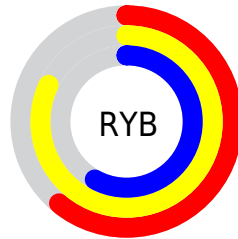
The Yxy color **57.9345, 0.3586, 0.3938** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3363, 0.2628, 0.2546**, and the grayscale version is **56.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **28.9129, 0.3698, 0.4101** is the 20% darker color. If you saturate the color by 10%, you get **56.2223, 0.3749, 0.4158**, and if you desaturate by 10%, it is **59.7887, 0.3423, 0.3712**.

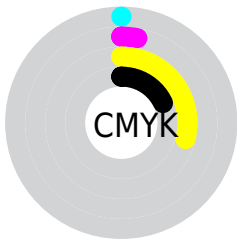
Distribution



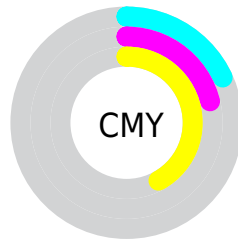
- Red (82%)
- Green (79%)
- Blue (58%)



- Red (61%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9345, 0.3586, 0.3938 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 57.9345, 0.3586, 0.3938 by changing the saturation by 10% instead.


 57.9345, 0.3586,
0.3938


 57.9345, 0.3586,
0.3938


416.9418, 0.3369,
0.3624

 41.7560, 0.3636,
0.4013


 101.8275, 0.3510,
0.3827

 28.9103, 0.3697,
0.4106


 130.3107, 0.3481,
0.3784

 19.0130, 0.3774,
0.4226


163.6643, 0.3456,
0.3748

 11.6796, 0.3872,
0.4385

202.2727, 0.3434,
0.3716

 6.5259, 0.3999,
0.4601

246.5203, 0.3415,
0.3689

 3.1674, 0.4197,
0.4950

296.7914, 0.3398,

 1.2198, 0.4480,

0.3665

0.5520

353.4704, 0.3383,
0.3643

■ 0.0778, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9345, 0.3586,
0.3938

■ 57.9345, 0.3586,
0.3938

■ 56.2223, 0.3749,
0.4158

■ 59.7887, 0.3423,
0.3712

■ 54.6378, 0.3907,
0.4363

■ 61.7832, 0.3265,
0.3489

■ 53.1765, 0.4052,
0.4544

■ 63.9260, 0.3115,
0.3272

■ 51.8304, 0.4179,
0.4691

■ 66.2227, 0.2975,
0.3067

■ 50.5906, 0.4282,
0.4796

■ 68.6781, 0.2846,
0.2875

■ 49.4466, 0.4357,
0.4857

■ 70.0543, 0.2832,
0.2877

■ 48.3808, 0.4407,
0.4878

■ 71.2888, 0.2834,
0.2903

■ 48.2938, 0.4411,
0.4880

■ 72.5410, 0.2835,
0.2929

■ 73.8113, 0.2837,
0.2955

Harmonies

Analogous

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



57.9345, 0.3817, 0.3771



57.9345, 0.3586, 0.3938



57.9345, 0.3239, 0.3922

Triad

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



57.9345, 0.3586, 0.3938



57.9345, 0.2448, 0.3013



57.9345, 0.3358, 0.2925

Complementary

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



57.9345, 0.3586, 0.3938



34.3363, 0.2628, 0.2546

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.



57.9345, 0.2981, 0.2743



57.9345, 0.3586, 0.3938



57.9345, 0.2474, 0.2776

Square

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



57.9345, 0.3586, 0.3938



57.9345, 0.2590, 0.3355



57.9345, 0.2663, 0.2686



57.9345, 0.3686, 0.3193

Rectangle

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



57.9345, 0.3586, 0.3938



57.9345, 0.2992, 0.3795



57.9345, 0.2663, 0.2686



57.9345, 0.3232, 0.2852

Sweetspot

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



57.9371, 0.3586, 0.3938



96.9479, 0.3264, 0.3487



37.1083, 0.3694, 0.3202



20.6492, 0.3287, 0.3520



0.0000, 0.0000, 0.0000



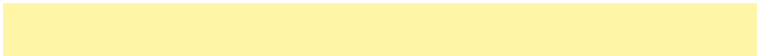
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9371, 0.3586, 0.3938



89.1916, 0.3688, 0.4076



58.1172, 0.3375, 0.4061



13.5574, 0.3269, 0.3494



29.8771, 0.4408, 0.4882



1.7376, 0.4363, 0.4918

Inverse Universe

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



34.3363, 0.2628, 0.2546



46.3287, 0.2505, 0.2357



34.4893, 0.2817, 0.2492



11.6320, 0.2982, 0.3077



3.3117, 0.1525, 0.0689



0.2599, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 57.9345, 0.3586, 0.3938 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 57.9345, 0.3586, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

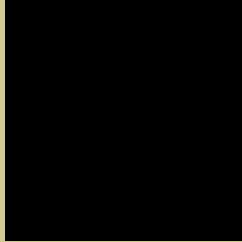
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9345, 0.3586, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 57.9345, 0.3586, 0.3938.



This preview shows how white text looks on a background with the Yxy color 57.9345, 0.3586, 0.3938.

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

57.9345, 0.3586, 0.3938

Protanopia

57.8622, 0.3651, 0.3917

Deuteranopia

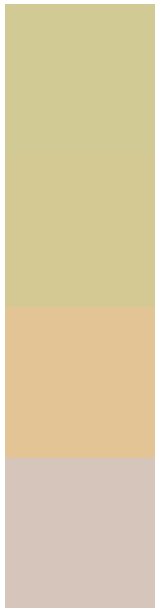
57.7341, 0.3838, 0.3759



Tritanopia

57.7860, 0.3191, 0.3119

Trichromacy



Original Color

57.9345, 0.3586, 0.3938

Protanomaly

58.0260, 0.3631, 0.3931

Deuteranomaly

57.8185, 0.3745, 0.3830

Tritanomaly

57.6665, 0.3332, 0.3408

Monochromacy



Original Color

57.9345, 0.3586, 0.3938

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6987, 0.3292, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9345, 0.3586, 0.3938 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(209, 202, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 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(209, 202, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 148) }
```

Border

The CSS property to change the border of an element to Yxy 57.9345, 0.3586, 0.3938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

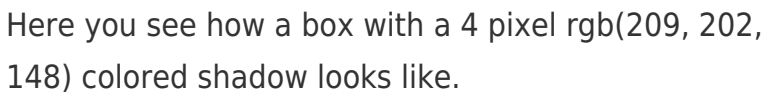
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 202, 148) }
```

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

```
.border{ border-color:rgb(209, 202, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 202, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9345, 0.3586, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 148) }
```

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

```
.background{ background-color: rgb(209,  
202, 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