

Converting Colors

$Y_{xy}(58.3013, 0.3579, 0.3873)$

Have a look what the booklet for
Yxy(58.3013, 0.3579, 0.3873)
contains.

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Color

Yxy(58.5380, 0.3574, 0.3873)

Conversions

Conversions Part 1	
Format	Color
Hex	D4CA99
RGB	212, 202, 153
RGB Percent	83%, 79%, 60%
CMY	0.1687, 0.2078, 0.4000
CMYK	0.00, 0.05, 0.28, 0.17
HSL	50°, 41%, 72%
HSV	50°, 28%, 83%
XYZ	54.0188, 58.5380, 38.5870
YIQ	199.4040, 21.6890, -13.1190

Conversions

Conversions Part 2

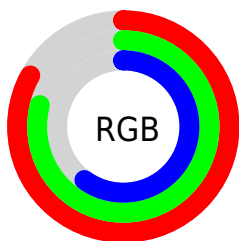
Format	Color
RYB	165, 212, 153
Decimal	13945497
CIELab	81.04, -4.10, 25.77
CIELCh	81, 26.096, 99.037
Yxy	58.5380, 0.3574, 0.3873
Android (android.graphics.Color)	4292135577 (0xFFD4CA99)
YUV	199.4040, -22.8772, 11.0467
Hunter-Lab	76.5101, -7.8655, 23.6549

Details

The Yxy color **58.5380, 0.3574, 0.3873** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7109, 0.2658, 0.2630**, and the grayscale version is **57.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **29.3072, 0.3683, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **56.2378, 0.3746, 0.4083**, and if you desaturate by 10%, it is **61.0070, 0.3406, 0.3659**.

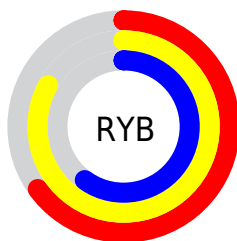
Distribution



Red (83%)

Green (79%)

Blue (60%)



Red (65%)

Yellow (83%)

Blue (60%)

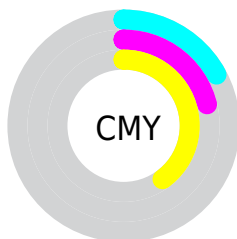


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (17%)



Cyan (17%)


Magenta (21%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5380, 0.3574, 0.3873 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 58.5380, 0.3574, 0.3873 by changing the saturation by 10% instead.


 58.5380, 0.3574,
0.3873


 58.5380, 0.3574,
0.3873


419.1877, 0.3362,
0.3592

 42.2413, 0.3623,
0.3940

 102.7059, 0.3500,
0.3773

 29.2903, 0.3684,
0.4023


 131.3459, 0.3471,
0.3735

 19.3005, 0.3761,
0.4130


164.8691, 0.3446,
0.3703

 11.8876, 0.3860,
0.4271

203.6600, 0.3425,
0.3674

 6.6672, 0.3992,
0.4465

248.1029, 0.3406,
0.3650

 3.2549, 0.4177,
0.4751


298.5822, 0.3390,

 1.2662, 0.4605,


0.3628


0.5395


355.4823, 0.3375,
0.3609


 0.1148, 0.0731,
0.9269


 0.0000, 0.0000,
0.0000


 58.5380, 0.3574,
0.3873


 58.5380, 0.3574,
0.3873


 56.2378, 0.3746,
0.4083


 61.0070, 0.3406,
0.3659

 54.0917, 0.3916,
0.4282


 63.6433, 0.3246,
0.3449


 52.0948, 0.4079,
0.4459


 66.4555, 0.3096,
0.3247


 50.2389, 0.4226,
0.4604


 69.4491, 0.2957,
0.3056


 48.5147, 0.4350,
0.4709


 72.3698, 0.2854,
0.2918


 46.9113, 0.4447,
0.4768


 74.2717, 0.2856,
0.2957

 45.4133, 0.4517,
0.4784

 76.2142, 0.2858,
0.2996

 45.0965, 0.4530,
0.4785

 78.1976, 0.2859,
0.3034

 80.2221, 0.2861,
0.3073

Harmonies

Analogous

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



58.5380, 0.3769, 0.3711



58.5380, 0.3574, 0.3873



58.5380, 0.3264, 0.3873

Triad

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



58.5380, 0.3574, 0.3873



58.5380, 0.2511, 0.3066



58.5380, 0.3305, 0.2934

Complementary

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



58.5380, 0.3574, 0.3873



37.7109, 0.2658, 0.2630

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.



58.5380, 0.2963, 0.2777



58.5380, 0.3574, 0.3873



58.5380, 0.2519, 0.2836

Square

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



58.5380, 0.3574, 0.3873



58.5380, 0.2657, 0.3383



58.5380, 0.2680, 0.2738



58.5380, 0.3613, 0.3177

Rectangle

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



58.5380, 0.3574, 0.3873



58.5380, 0.3038, 0.3769



58.5380, 0.2680, 0.2738



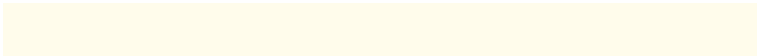
58.5380, 0.3190, 0.2870

Sweetspot

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



58.5406, 0.3574, 0.3873



96.5731, 0.3250, 0.3454



39.4505, 0.3620, 0.3158



20.5369, 0.3273, 0.3486



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.



58.5406, 0.3574, 0.3873



86.9664, 0.3669, 0.3990



60.7588, 0.3395, 0.4016



14.1457, 0.3271, 0.3482



27.9721, 0.4525, 0.4789



1.7840, 0.4458, 0.4842

Inverse Universe

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



37.7109, 0.2658, 0.2630



50.5944, 0.2553, 0.2475



36.2688, 0.2800, 0.2525



12.3448, 0.2982, 0.3090



3.8084, 0.1544, 0.0756



0.3362, 0.1624, 0.1046

Previews

White Background



This preview shows how the Yxy color 58.5380, 0.3574, 0.3873 looks on a white background.

Color Contrast Check

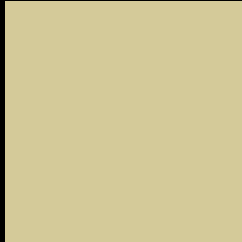
Large Text (above 18pt) WCAG AA × Fail

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 58.5380, 0.3574, 0.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

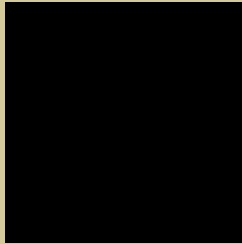
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

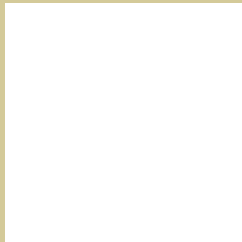
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5380, 0.3574, 0.3873

Background



This preview shows how black text looks on a background with the Yxy color 58.5380, 0.3574, 0.3873.



This preview shows how white text looks on a background with the Yxy color 58.5380, 0.3574, 0.3873.

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

58.5380, 0.3574, 0.3873

Protanopia

58.5203, 0.3602, 0.3857

Deuteranopia

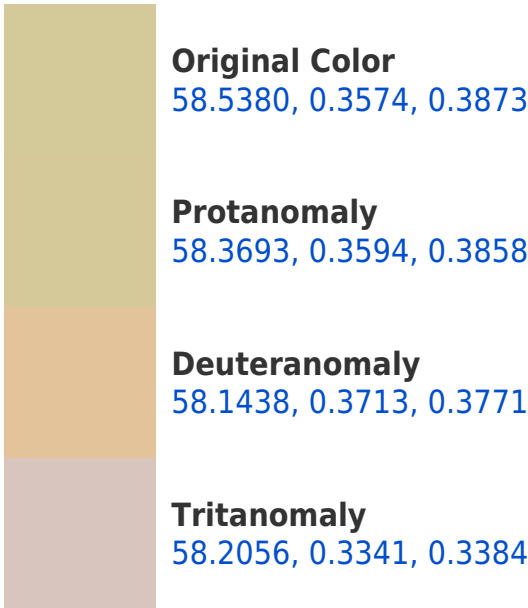
58.3394, 0.3794, 0.3715



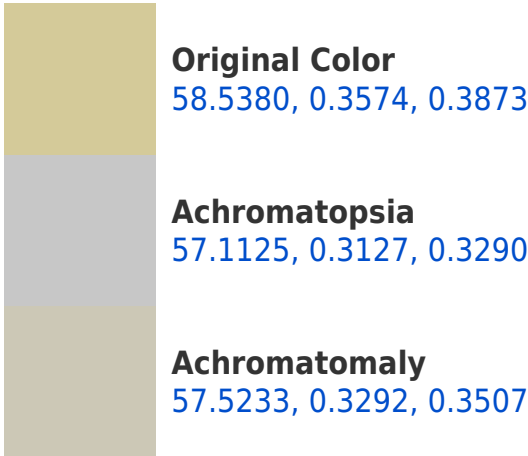
Tritanopia

58.2968, 0.3208, 0.3109

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5380, 0.3574, 0.3873 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(212, 202, 153) looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 153)  
}
```

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(212, 202, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 153) }
```

Border

The CSS property to change the border of an element to Yxy 58.5380, 0.3574, 0.3873 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(212, 202, 153) }
```

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

```
.border{ border-color:rgb(212, 202, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 202, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 153);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5380, 0.3574, 0.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 153) }
```

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

```
.background{ background-color: rgb(212,  
202, 153) }
```

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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