

Converting Colors

$Yxy(50.5673, 0.3593, 0.3829)$

Have a look what the booklet for
Yxy(50.5673, 0.3593, 0.3829)
contains.

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Color

Yxy(50.5673, 0.3593, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	CABC91
RGB	202, 188, 145
RGB Percent	79%, 74%, 57%
CMY	0.2078, 0.2627, 0.4314
CMYK	0.00, 0.07, 0.28, 0.21
HSL	45°, 35%, 68%
HSV	45°, 28%, 79%
XYZ	47.4506, 50.5673, 34.0461
YIQ	187.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

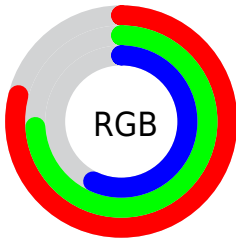
Format	Color
RYB	164, 202, 145
Decimal	13286545
CIELab	76.42, -1.70, 23.59
CIELCh	76, 23.652, 94.118
Yxy	50.5673, 0.3593, 0.3829
Android (android.graphics.Color)	4291476625 (0xFFCABC91)
YUV	187.2840, -20.8460, 12.9059
Hunter-Lab	71.1107, -5.3346, 21.3908

Details

The Yxy color **50.5673, 0.3593, 0.3829** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0768, 0.2659, 0.2685**, and the grayscale version is **49.9743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0849, 0.3482, 0.3738**, and **24.3391, 0.3715, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **47.9183, 0.3777, 0.4023**, and if you desaturate by 10%, it is **53.4045, 0.3417, 0.3633**.

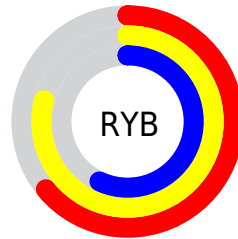
Distribution



Red (79%)

Green (74%)

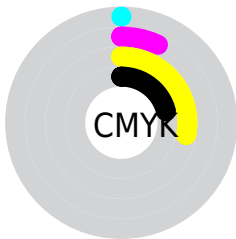
Blue (57%)



Red (64%)

Yellow (79%)

Blue (57%)

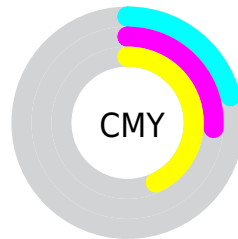


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (21%)



Cyan (21%)


Magenta (26%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5673, 0.3593, 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 50.5673, 0.3593, 0.3829 by changing the saturation by 10% instead.


 50.5673, 0.3593,
0.3829

 50.5673, 0.3593,
0.3829


388.8803, 0.3365,
0.3564

 35.8644, 0.3648,
0.3893


 91.0148, 0.3512,
0.3734

 24.3295, 0.3716,
0.3975


 117.5283, 0.3481,
0.3698

 15.5782, 0.3805,
0.4080


148.7473, 0.3454,
0.3667

 9.2262, 0.3923,
0.4222

185.0563, 0.3432,
0.3641

 4.8890, 0.4085,
0.4419

226.8397, 0.3412,
0.3618

 2.1823, 0.4432,
0.4837

274.4819, 0.3394,

 0.7103, 0.4715,

0.3597

0.5285

328.3673, 0.3379,
0.3580

0.0000, 0.0000,
0.0000

50.5673, 0.3593,
0.3829

50.5673, 0.3593,
0.3829

47.9183, 0.3777,
0.4023

53.4045, 0.3417,
0.3633

45.4441, 0.3964,
0.4206

56.4291, 0.3253,
0.3442

43.1396, 0.4147,
0.4370

59.6492, 0.3101,
0.3258

40.9973, 0.4319,
0.4503

63.0704, 0.2963,
0.3085

39.0081, 0.4471,
0.4596

66.6977, 0.2838,
0.2924

■ 37.1618, 0.4596,
0.4643

■ 69.7938, 0.2789,
0.2887

■ 35.4434, 0.4693,
0.4644

■ 72.4005, 0.2793,
0.2942

■ 35.1466, 0.4709,
0.4643

■ 75.0848, 0.2796,
0.2997

■ 77.8473, 0.2800,
0.3051

Harmonies

Analogous

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



50.5673, 0.3753, 0.3657



50.5673, 0.3593, 0.3829



50.5673, 0.3311, 0.3856

Triad

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



50.5673, 0.3593, 0.3829



50.5673, 0.2552, 0.3124



50.5673, 0.3243, 0.2919

Complementary

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



50.5673, 0.3593, 0.3829



35.0768, 0.2659, 0.2685

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.



50.5673, 0.2921, 0.2785



50.5673, 0.3593, 0.3829



50.5673, 0.2536, 0.2887

Square

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



50.5673, 0.3593, 0.3829



50.5673, 0.2715, 0.3430



50.5673, 0.2667, 0.2770



50.5673, 0.3548, 0.3141

Rectangle

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



50.5673, 0.3593, 0.3829



50.5673, 0.3095, 0.3776



50.5673, 0.2667, 0.2770



50.5673, 0.3133, 0.2863

Sweetspot

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



50.5696, 0.3593, 0.3829



95.6014, 0.3251, 0.3440



35.3183, 0.3586, 0.3107



20.2908, 0.3275, 0.3468



0.0000, 0.0000, 0.0000



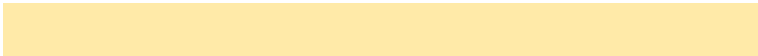
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5696, 0.3593, 0.3829



82.7828, 0.3707, 0.3951



54.9441, 0.3430, 0.4017



12.6120, 0.3272, 0.3464



22.7627, 0.4701, 0.4649



1.2887, 0.4581, 0.4744

Inverse Universe

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



35.0768, 0.2659, 0.2685



52.2245, 0.2544, 0.2526



31.9107, 0.2761, 0.2508



11.2839, 0.2983, 0.3110



4.3084, 0.1581, 0.0891



0.3454, 0.1689, 0.1280

Previews

White Background



This preview shows how the Yxy color 50.5673, 0.3593, 0.3829 looks on a white background.

Color Contrast Check

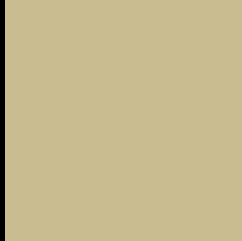
Large Text (above 18pt) WCAG AA × Fail

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 50.5673, 0.3593, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

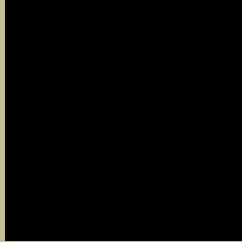
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5673, 0.3593, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 50.5673, 0.3593, 0.3829.



This preview shows how white text looks on a background with the Yxy color 50.5673, 0.3593, 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

50.5673, 0.3593, 0.3829

Protanopia

50.4283, 0.3584, 0.3831

Deuteranopia

50.4952, 0.3782, 0.3706



Tritanopia

50.3978, 0.3246, 0.3123

Trichromacy



Original Color

50.5673, 0.3593, 0.3829

Protanomaly

50.4283, 0.3584, 0.3831

Deuteranomaly

50.6524, 0.3707, 0.3751

Tritanomaly

50.5771, 0.3373, 0.3376

Monochromacy



Original Color

50.5673, 0.3593, 0.3829

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7257, 0.3287, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5673, 0.3593, 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(202, 188, 145)` looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 145)  
}
```

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(202, 188, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 145) }
```

Border

The CSS property to change the border of an element to Yxy 50.5673, 0.3593, 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(202, 188, 145) }
```

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

```
.border{ border-color:rgb(202, 188, 145) }
```

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

Here you see how a box with a 4 pixel rgb(202, 188, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 188, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 188, 145);  
box-shadow:4px 4px 4px 4px rgb(202, 188,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5673, 0.3593, 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(202, 188, 145) }
```

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

```
.background{ background-color: rgb(202,  
188, 145) }
```

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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