

Converting Colors

Yxy(50.7405, 0.3448, 0.3668)

Have a look what the booklet for
Yxy(50.7405, 0.3448, 0.3668)
contains.

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Color

Yxy(50.9042, 0.3441, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	C6BD9F
RGB	198, 189, 159
RGB Percent	78%, 74%, 62%
CMY	0.2236, 0.2588, 0.3766
CMYK	0.00, 0.05, 0.20, 0.22
HSL	46°, 25%, 70%
HSV	46°, 20%, 78%
XYZ	47.7409, 50.9042, 40.0962
YIQ	188.2710, 14.9940, -7.4220

Conversions

Conversions Part 2

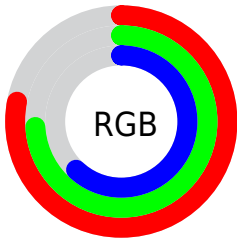
Format	Color
RYB	171, 198, 159
Decimal	13024671
CIELab	76.62, -1.77, 16.34
CIELCh	77, 16.433, 96.196
Yxy	50.9042, 0.3441, 0.3669
Android (android.graphics.Color)	4291214751 (0xFFC6BD9F)
YUV	188.2710, -14.4306, 8.5323
Hunter-Lab	71.3472, -5.4170, 16.6228

Details

The Yxy color **50.9042, 0.3441, 0.3669** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4336, 0.2810, 0.2880**, and the grayscale version is **50.5283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4199, 0.3385, 0.3597**, and **24.5991, 0.3532, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **48.3428, 0.3616, 0.3868**, and if you desaturate by 10%, it is **53.6419, 0.3276, 0.3473**.

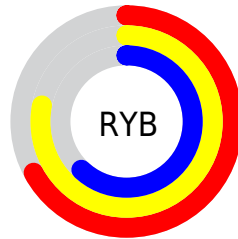
Distribution



Red (78%)

Green (74%)

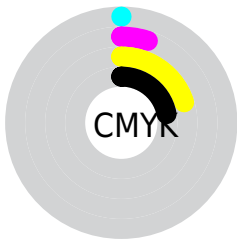
Blue (62%)



Red (67%)

Yellow (78%)

Blue (62%)

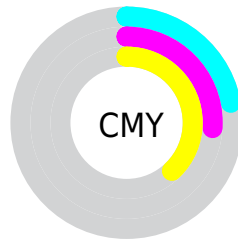


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (26%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9042, 0.3441, 0.3669 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 50.9042, 0.3441, 0.3669 by changing the saturation by 10% instead.


 50.9042, 0.3441,
0.3669


 50.9042, 0.3441,
0.3669


390.1915, 0.3287,
0.3482

 36.1324, 0.3478,
0.3715


 91.5131, 0.3386,
0.3602

 24.5364, 0.3526,
0.3773


 118.1191, 0.3365,
0.3576

 15.7320, 0.3588,
0.3850


149.4385, 0.3347,
0.3554

 9.3347, 0.3671,
0.3955

185.8557, 0.3332,
0.3536

 4.9602, 0.3791,
0.4106

227.7553, 0.3318,
0.3520

 2.2239, 0.3974,
0.4344

275.5215, 0.3307,

 0.7330, 0.4713,

0.3506

0.5287

329.5387, 0.3296,
0.3493

0.0000, 0.0000,
0.0000

50.9042, 0.3441,
0.3669

50.9042, 0.3441,
0.3669

48.3428, 0.3616,
0.3868

53.6419, 0.3276,
0.3473

45.9451, 0.3798,
0.4064

56.5545, 0.3123,
0.3285

43.7071, 0.3981,
0.4248

59.6494, 0.2983,
0.3107

41.6221, 0.4158,
0.4410

62.9315, 0.2856,
0.2941

39.6825, 0.4322,
0.4540

66.2128, 0.2759,
0.2817

■ 37.8801, 0.4465,
0.4630

■ 68.5214, 0.2762,
0.2869

■ 36.2049, 0.4580,
0.4672

■ 70.8948, 0.2766,
0.2920

■ 34.6392, 0.4669,
0.4673

■ 73.3335, 0.2770,
0.2970

■ 34.5947, 0.4671,
0.4673

■ 75.8382, 0.2774,
0.3021

Harmonies

Analogous

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



50.9042, 0.3556, 0.3561



50.9042, 0.3441, 0.3669



50.9042, 0.3243, 0.3673

Triad

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



50.9042, 0.3441, 0.3669



50.9042, 0.2719, 0.3166



50.9042, 0.3226, 0.3038

Complementary

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



50.9042, 0.3441, 0.3669



39.4336, 0.2810, 0.2880

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.



50.9042, 0.3000, 0.2937



50.9042, 0.3441, 0.3669



50.9042, 0.2714, 0.3003

Square

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



50.9042, 0.3441, 0.3669



50.9042, 0.2829, 0.3374



50.9042, 0.2815, 0.2923



50.9042, 0.3430, 0.3200

Rectangle

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



50.9042, 0.3441, 0.3669



50.9042, 0.3093, 0.3612



50.9042, 0.2815, 0.2923



50.9042, 0.3150, 0.2996

Sweetspot

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



50.9065, 0.3441, 0.3669



96.8265, 0.3219, 0.3404



39.6212, 0.3424, 0.3173



20.6524, 0.3229, 0.3416



0.0000, 0.0000, 0.0000



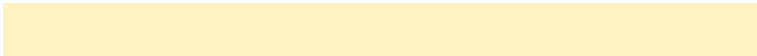
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9065, 0.3441, 0.3669



88.0034, 0.3521, 0.3762



53.5266, 0.3334, 0.3789



11.9869, 0.3271, 0.3467



22.6340, 0.4663, 0.4679



1.1758, 0.4546, 0.4772

Inverse Universe

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



39.4336, 0.2810, 0.2880



63.7210, 0.2728, 0.2769



37.3400, 0.2892, 0.2767



10.6772, 0.2983, 0.3107



4.0106, 0.1573, 0.0863



0.3040, 0.1687, 0.1272

Previews

White Background



This preview shows how the Yxy color 50.9042, 0.3441, 0.3669 looks on a white background.

Color Contrast Check

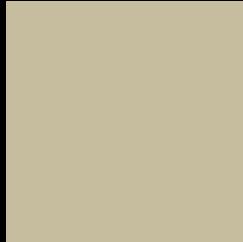
Large Text (above 18pt) WCAG AA × Fail

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 50.9042, 0.3441, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

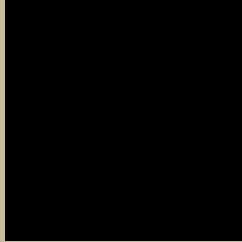
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

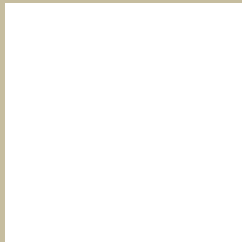
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9042, 0.3441, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 50.9042, 0.3441, 0.3669.



This preview shows how white text looks on a background with the Yxy color 50.9042, 0.3441, 0.3669.

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

50.9042, 0.3441, 0.3669

Protanopia

51.0405, 0.3450, 0.3667

Deuteranopia

50.7457, 0.3621, 0.3555



Tritanopia

51.0547, 0.3177, 0.3121

Trichromacy



Original Color

50.9042, 0.3441, 0.3669

Protanomaly

51.0405, 0.3450, 0.3667

Deuteranomaly

50.9376, 0.3549, 0.3596

Tritanomaly

50.9960, 0.3270, 0.3315

Monochromacy



Original Color

50.9042, 0.3441, 0.3669

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3472, 0.3246, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9042, 0.3441, 0.3669 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(198, 189, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 159)  
}
```

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(198, 189, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 159) }
```

Border

The CSS property to change the border of an element to Yxy 50.9042, 0.3441, 0.3669 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(198, 189, 159) }
```

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

```
.border{ border-color:rgb(198, 189, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9042, 0.3441, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 159) }
```

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

```
.background{ background-color: rgb(198,  
189, 159) }
```

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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