

Converting Colors

$Yxy(49.3568, 0.3430, 0.3634)$

Have a look what the booklet for
Yxy(49.3568, 0.3430, 0.3634)
contains.

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Color

Yxy(49.3568, 0.3430, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	C4BA9F
RGB	196, 186, 159
RGB Percent	77%, 73%, 62%
CMY	0.2313, 0.2706, 0.3764
CMYK	0.00, 0.05, 0.19, 0.23
HSL	44°, 24%, 70%
HSV	44°, 19%, 77%
XYZ	46.5861, 49.3568, 39.8766
YIQ	185.9120, 14.6270, -6.2770

Conversions

Conversions Part 2

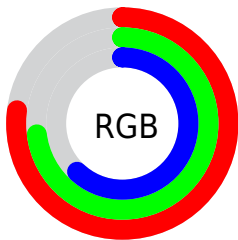
Format	Color
RYB	173, 196, 159
Decimal	12892831
CIELab	75.67, -0.92, 14.96
CIElCh	76, 14.992, 93.509
Yxy	49.3568, 0.3430, 0.3634
Android (android.graphics.Color)	4291082911 (0xFFC4BA9F)
YUV	185.9120, -13.2676, 8.8472
Hunter-Lab	70.2544, -4.5808, 15.5249

Details

The Yxy color **49.3568, 0.3430, 0.3634** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7461, 0.2826, 0.2921**, and the grayscale version is **49.1232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2419, 0.3375, 0.3569**, and **23.6086, 0.3508, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **46.5365, 0.3609, 0.3824**, and if you desaturate by 10%, it is **52.3725, 0.3264, 0.3448**.

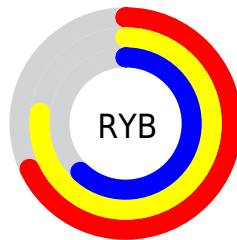
Distribution



Red (77%)

Green (73%)

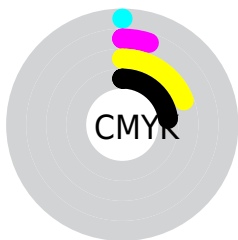
Blue (62%)



Red (68%)

Yellow (77%)

Blue (62%)

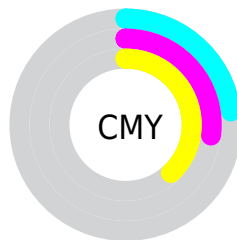


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (23%)



Cyan (23%)


Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3568, 0.3430, 0.3634 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 49.3568, 0.3430, 0.3634 by changing the saturation by 10% instead.


 49.3568, 0.3430,
0.3634

 49.3568, 0.3430,
0.3634


384.1453, 0.3280,
0.3464

 34.9026, 0.3467,
0.3676


 89.2211, 0.3376,
0.3572

 23.5879, 0.3513,
0.3730


 115.4001, 0.3356,
0.3549

 15.0282, 0.3575,
0.3800


146.2561, 0.3338,
0.3529

 8.8392, 0.3659,
0.3897

182.1735, 0.3324,
0.3513

 4.6364, 0.3780,
0.4038

223.5367, 0.3311,
0.3498

 2.0356, 0.3971,
0.4263

270.7301, 0.3299,

 0.6280, 0.4778,

0.3485

0.5222

324.1382, 0.3289,
0.3474

0.0000, 0.0000,
0.0000

49.3568, 0.3430,
0.3634

49.3568, 0.3430,
0.3634

46.5365, 0.3609,
0.3824

52.3725, 0.3264,
0.3448

43.8990, 0.3797,
0.4011

55.5826, 0.3111,
0.3271

41.4402, 0.3989,
0.4189

58.9947, 0.2972,
0.3103

39.1531, 0.4180,
0.4346

62.6137, 0.2847,
0.2947

37.0302, 0.4360,
0.4473

66.3138, 0.2747,
0.2824

■ 35.0629, 0.4520,
0.4560

■ 69.0201, 0.2751,
0.2884

■ 33.2414, 0.4654,
0.4600

■ 71.8146, 0.2756,
0.2943

■ 31.5499, 0.4760,
0.4595

■ 74.6980, 0.2761,
0.3002

■ 31.3662, 0.4772,
0.4593

■ 77.6711, 0.2766,
0.3061

Harmonies

Analogous

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



49.3568, 0.3527, 0.3529



49.3568, 0.3430, 0.3634



49.3568, 0.3253, 0.3646

Triad

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



49.3568, 0.3430, 0.3634



49.3568, 0.2756, 0.3193



49.3568, 0.3200, 0.3045

Complementary

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



49.3568, 0.3430, 0.3634



39.7461, 0.2826, 0.2921

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.



49.3568, 0.2993, 0.2959



49.3568, 0.3430, 0.3634



49.3568, 0.2742, 0.3036

Square

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



49.3568, 0.3430, 0.3634



49.3568, 0.2865, 0.3385



49.3568, 0.2827, 0.2954



49.3568, 0.3392, 0.3192

Rectangle

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



49.3568, 0.3430, 0.3634



49.3568, 0.3115, 0.3596



49.3568, 0.2827, 0.2954



49.3568, 0.3129, 0.3009

Sweetspot

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



49.3590, 0.3430, 0.3634



96.4387, 0.3220, 0.3398



39.4216, 0.3391, 0.3155



20.5606, 0.3230, 0.3410



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.



49.3590, 0.3430, 0.3634



87.0644, 0.3509, 0.3719



52.6834, 0.3340, 0.3765



11.2821, 0.3271, 0.3457



20.2986, 0.4762, 0.4601



0.9863, 0.4608, 0.4723

Inverse Universe

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



39.7461, 0.2826, 0.2921



66.2051, 0.2749, 0.2821



37.0051, 0.2887, 0.2789



10.1819, 0.2984, 0.3117



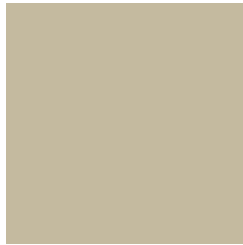
4.3251, 0.1597, 0.0948



0.3055, 0.1725, 0.1409

Previews

White Background



This preview shows how the Yxy color 49.3568, 0.3430, 0.3634 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 49.3568, 0.3430, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

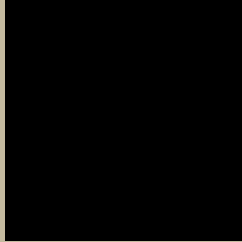
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3568, 0.3430, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 49.3568, 0.3430, 0.3634.



This preview shows how white text looks on a background with the Yxy color 49.3568, 0.3430, 0.3634.

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

49.3568, 0.3430, 0.3634

Protanopia

49.3568, 0.3430, 0.3634

Deuteranopia

49.0744, 0.3602, 0.3522



Tritanopia

49.4054, 0.3186, 0.3120

Trichromacy



Original Color

49.3568, 0.3430, 0.3634

Protanomaly

49.3568, 0.3430, 0.3634

Deuteranomaly

49.2594, 0.3530, 0.3563

Tritanomaly

49.3865, 0.3272, 0.3303

Monochromacy



Original Color

49.3568, 0.3430, 0.3634

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1996, 0.3240, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3568, 0.3430, 0.3634 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(196, 186, 159)` looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 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(196, 186, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 159) }
```

Border

The CSS property to change the border of an element to Yxy 49.3568, 0.3430, 0.3634 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(196, 186, 159) }
```

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

```
.border{ border-color:rgb(196, 186, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 159);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3568, 0.3430, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 159) }
```

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

```
.background{ background-color: rgb(196,  
186, 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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