

Converting Colors

$Yxy(49.9034, 0.3530, 0.3808)$

Have a look what the booklet for
Yxy(49.9034, 0.3530, 0.3808)
contains.

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Color

Yxy(49.9433, 0.3532, 0.3812)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C5BC93 |
| RGB | 197, 188, 147 |
| RGB Percent | 77%, 74%, 58% |
| CMY | 0.2274, 0.2627, 0.4236 |
| CMYK | 0.00, 0.05, 0.25, 0.23 |
| HSL | 49°, 30%, 67% |
| HSV | 49°, 25%, 77% |
| XYZ | 46.2749, 49.9433, 34.7979 |
| YIQ | 186.0170, 18.5250, -10.8430 |

Conversions

Conversions Part 2

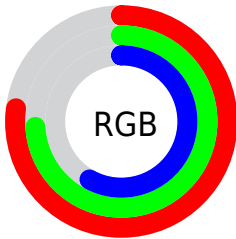
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 158, 197, 147 |
| Decimal | 12958867 |
| CIELab | 76.03, -3.36, 21.94 |
| CIELCh | 76, 22.196, 98.698 |
| Yxy | 49.9433, 0.3532, 0.3812 |
| Android (android.graphics.Color) | 4291148947 (0xFFC5BC93) |
| YUV | 186.0170, -19.2354, 9.6321 |
| Hunter-Lab | 70.6706, -6.7923, 20.2753 |

Details

The Yxy color $49.9433, 0.3532, 0.3812$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.0034, 0.2707, 0.2707$, and the grayscale version is $49.2154, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.9892, 0.3462, 0.3719$, and $24.0121, 0.3644, 0.3959$ is the 20% darker color. If you saturate the color by 10%, you get $47.8837, 0.3704, 0.4021$, and if you desaturate by 10%, it is $52.1505, 0.3365, 0.3602$.

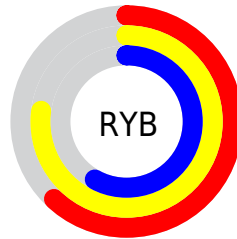
Distribution



Red (77%)

Green (74%)

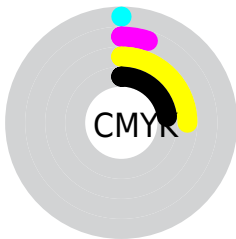
Blue (58%)



Red (62%)

Yellow (77%)

Blue (58%)

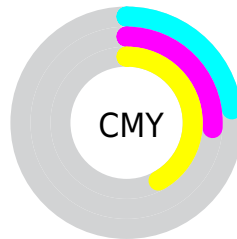


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (23%)



Cyan (23%)


Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9433, 0.3532, 0.3812 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 49.9433, 0.3532, 0.3812 by changing the saturation by 10% instead.


 49.9433, 0.3532,
0.3812

 49.9433, 0.3532,
0.3812


386.4442, 0.3334,
0.3553

 35.3683, 0.3580,
0.3875


 90.0909, 0.3461,
0.3719

 23.9468, 0.3640,
0.3956


 116.4323, 0.3434,
0.3683

 15.2941, 0.3717,
0.4062


147.4646, 0.3411,
0.3653

 9.0261, 0.3820,
0.4205

183.5723, 0.3392,
0.3628

 4.7582, 0.3963,
0.4410

225.1397, 0.3374,
0.3605

 2.1061, 0.4260,
0.4826

272.5512, 0.3359,

 0.6681, 0.4529,

0.3586

0.5471

326.1912, 0.3346,
0.3569

0.0000, 0.0000,
0.0000

49.9433, 0.3532,
0.3812

49.9433, 0.3532,
0.3812

47.8837, 0.3704,
0.4021

52.1505, 0.3365,
0.3602

45.9593, 0.3877,
0.4220

54.5037, 0.3208,
0.3397

44.1662, 0.4044,
0.4402

57.0103, 0.3061,
0.3201

42.4976, 0.4199,
0.4554

59.6749, 0.2926,
0.3017

40.9460, 0.4333,
0.4669

62.5018, 0.2803,
0.2845

■ 39.5026, 0.4442,
0.4740

■ 64.8219, 0.2750,
0.2788

■ 38.1568, 0.4521,
0.4765

■ 66.5830, 0.2753,
0.2828

■ 37.5596, 0.4553,
0.4767

■ 68.3830, 0.2756,
0.2868

■ 70.2221, 0.2759,
0.2908

Harmonies

Analogous

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



49.9433, 0.3704, 0.3669



49.9433, 0.3532, 0.3812



49.9433, 0.3255, 0.3811

Triad

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



49.9433, 0.3532, 0.3812



49.9433, 0.2573, 0.3095



49.9433, 0.3284, 0.2967

Complementary

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



49.9433, 0.3532, 0.3812



34.0034, 0.2707, 0.2707

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.



49.9433, 0.2977, 0.2825



49.9433, 0.3532, 0.3812



49.9433, 0.2578, 0.2885

Square

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



49.9433, 0.3532, 0.3812



49.9433, 0.2707, 0.3378



49.9433, 0.2722, 0.2793



49.9433, 0.3559, 0.3186

Rectangle

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



49.9433, 0.3532, 0.3812



49.9433, 0.3052, 0.3719



49.9433, 0.2722, 0.2793



49.9433, 0.3181, 0.2909

Sweetspot

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



49.9455, 0.3532, 0.3812



96.4363, 0.3250, 0.3452



35.1388, 0.3561, 0.3170



20.5022, 0.3274, 0.3483



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.



49.9455, 0.3532, 0.3812



87.5476, 0.3619, 0.3919



51.8830, 0.3371, 0.3946



12.0800, 0.3270, 0.3478



24.8155, 0.4547, 0.4771



1.2622, 0.4461, 0.4840

Inverse Universe

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



34.0034, 0.2707, 0.2707



54.5575, 0.2612, 0.2571



32.6619, 0.2835, 0.2603



10.5909, 0.2983, 0.3095



3.5477, 0.1549, 0.0777



0.2649, 0.1650, 0.1140

Previews

White Background



This preview shows how the Yxy color 49.9433, 0.3532, 0.3812 looks on a white background.

Color Contrast Check

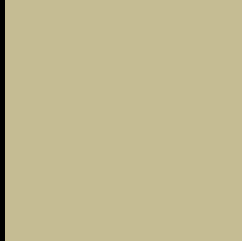
Large Text (above 18pt) WCAG AA × Fail

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 49.9433, 0.3532, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

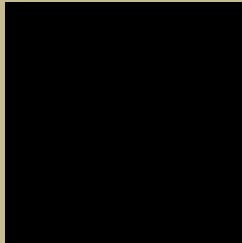
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9433, 0.3532, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 49.9433, 0.3532, 0.3812.



This preview shows how white text looks on a background with the Yxy color 49.9433, 0.3532, 0.3812.

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

49.9433, 0.3532, 0.3812

Protanopia

49.9266, 0.3562, 0.3795

Deuteranopia

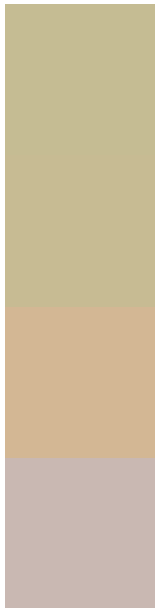
49.8725, 0.3741, 0.3662



Tritanopia

49.7298, 0.3195, 0.3109

Trichromacy



Original Color

49.9433, 0.3532, 0.3812

Protanomaly

49.7893, 0.3553, 0.3797

Deuteranomaly

49.8540, 0.3666, 0.3719

Tritanomaly

49.9128, 0.3321, 0.3365

Monochromacy



Original Color

49.9433, 0.3532, 0.3812

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4664, 0.3270, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9433, 0.3532, 0.3812 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(197, 188, 147)` looks like.

```
.text, #text, p{  
    color:rgb(197, 188, 147)  
}
```

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(197, 188, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 188, 147) }
```

Border

The CSS property to change the border of an element to Yxy 49.9433, 0.3532, 0.3812 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(197, 188, 147) }
```

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

```
.border{ border-color:rgb(197, 188, 147) }
```

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

Here you see how a box with a 4 pixel rgb(197, 188, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 188, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 188, 147);  
box-shadow:4px 4px 4px 4px rgb(197, 188,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9433, 0.3532, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 188, 147) }
```

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

```
.background{ background-color: rgb(197,  
188, 147) }
```

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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