

Converting Colors

$Yxy(49.4877, 0.3486, 0.3647)$

Have a look what the booklet for
Yxy(49.4877, 0.3486, 0.3647)
contains.

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Color

Yxy(49.4116, 0.3485, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	C8B99D
RGB	200, 185, 157
RGB Percent	78%, 73%, 62%
CMY	0.2156, 0.2745, 0.3844
CMYK	0.00, 0.08, 0.22, 0.22
HSL	39°, 28%, 70%
HSV	39°, 22%, 78%
XYZ	47.2556, 49.4116, 38.9299
YIQ	186.2930, 17.9280, -5.5280

Conversions

Conversions Part 2

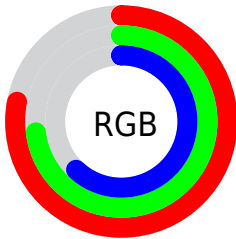
Format	Color
RYB	180, 200, 157
Decimal	13154717
CIELab	75.71, 0.82, 16.16
CIELCh	76, 16.185, 87.111
Yxy	49.4116, 0.3485, 0.3644
Android (android.graphics.Color)	4291344797 (0xFFC8B99D)
YUV	186.2930, -14.4414, 12.0210
Hunter-Lab	70.2934, -3.0146, 16.3693

Details

The Yxy color $49.4116, 0.3485, 0.3644$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.8354, 0.2783, 0.2909$, and the grayscale version is $49.3518, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.9241, 0.3404, 0.3578$, and $23.6541, 0.3583, 0.3733$ is the 20% darker color. If you saturate the color by 10%, you get $45.9376, 0.3677, 0.3816$, and if you desaturate by 10%, it is $53.1451, 0.3309, 0.3475$.

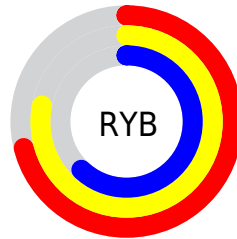
Distribution



Red (78%)

Green (73%)

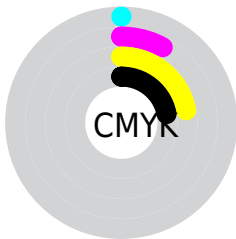
Blue (62%)



Red (71%)

Yellow (78%)

Blue (62%)

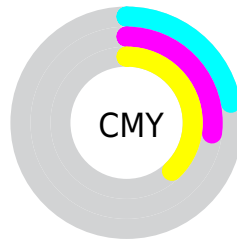


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4116, 0.3485, 0.3644 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 49.4116, 0.3485, 0.3644 by changing the saturation by 10% instead.


 49.4116, 0.3485,
0.3644

 49.4116, 0.3485,
0.3644


384.3605, 0.3308,
0.3469

 34.9461, 0.3528,
0.3687


 89.3025, 0.3421,
0.3581

 23.6214, 0.3584,
0.3741


 115.4966, 0.3397,
0.3557

 15.0530, 0.3657,
0.3812


146.3691, 0.3377,
0.3537

 8.8566, 0.3756,
0.3909

182.3043, 0.3359,
0.3520

 4.6478, 0.3900,
0.4047

223.6867, 0.3344,
0.3505

 2.0421, 0.4133,
0.4271

270.9006, 0.3330,

 0.6318, 0.4955,

0.3492

0.5045

324.3303, 0.3318,
0.3480

0.0000, 0.0000,
0.0000

49.4116, 0.3485,
0.3644

49.4116, 0.3485,
0.3644

45.9376, 0.3677,
0.3816

53.1451, 0.3309,
0.3475

42.7091, 0.3882,
0.3985

57.1386, 0.3150,
0.3314

39.7202, 0.4095,
0.4142

61.4010, 0.3007,
0.3162

36.9625, 0.4310,
0.4279

65.9386, 0.2880,
0.3020

34.4264, 0.4518,
0.4383

70.6297, 0.2778,
0.2910

■ 32.1016, 0.4706,
0.4443

■ 74.3666, 0.2784,
0.2987

■ 29.9759, 0.4865,
0.4453

■ 78.2581, 0.2789,
0.3063

■ 28.3129, 0.4980,
0.4428

■ 82.3061, 0.2795,
0.3139

■ 86.5122, 0.2800,
0.3213

Harmonies

Analogous

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



49.4116, 0.3566, 0.3513



49.4116, 0.3485, 0.3644



49.4116, 0.3308, 0.3682

Triad

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



49.4116, 0.3485, 0.3644



49.4116, 0.2744, 0.3227



49.4116, 0.3156, 0.3001

Complementary

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



49.4116, 0.3485, 0.3644



40.8354, 0.2783, 0.2909

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.



49.4116, 0.2938, 0.2925



49.4116, 0.3485, 0.3644



49.4116, 0.2706, 0.3046

Square

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



49.4116, 0.3485, 0.3644



49.4116, 0.2881, 0.3436



49.4116, 0.2776, 0.2939



49.4116, 0.3373, 0.3147

Rectangle

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



49.4116, 0.3485, 0.3644



49.4116, 0.3161, 0.3644



49.4116, 0.2776, 0.2939



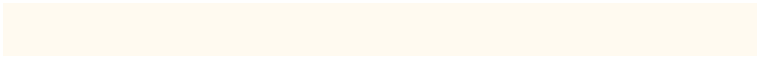
49.4116, 0.3081, 0.2966

Sweetspot

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



49.4138, 0.3485, 0.3644



95.6953, 0.3220, 0.3386



39.3650, 0.3410, 0.3098



20.3847, 0.3231, 0.3397



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.



49.4138, 0.3485, 0.3644



82.5626, 0.3576, 0.3727



55.1621, 0.3394, 0.3831



11.7701, 0.3274, 0.3440



18.1716, 0.4966, 0.4439



0.9923, 0.4765, 0.4598

Inverse Universe

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



40.8354, 0.2783, 0.2909



65.0013, 0.2700, 0.2810



36.1056, 0.2824, 0.2706



10.8826, 0.2983, 0.3135



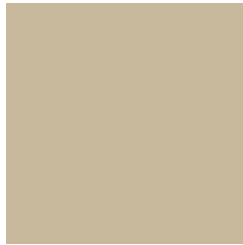
5.5708, 0.1649, 0.1136



0.3996, 0.1769, 0.1568

Previews

White Background



This preview shows how the Yxy color 49.4116, 0.3485, 0.3644 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 49.4116, 0.3485, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

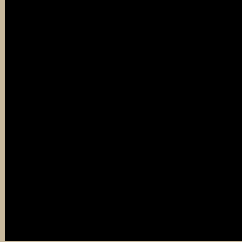
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4116, 0.3485, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 49.4116, 0.3485, 0.3644.



This preview shows how white text looks on a background with the Yxy color 49.4116, 0.3485, 0.3644.

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

49.4116, 0.3485, 0.3644

Protanopia

49.4568, 0.3447, 0.3646

Deuteranopia

49.5582, 0.3626, 0.3557



Tritanopia

49.5167, 0.3230, 0.3121

Trichromacy



Original Color

49.4116, 0.3485, 0.3644

Protanomaly

49.5922, 0.3456, 0.3645

Deuteranomaly

49.6262, 0.3574, 0.3585

Tritanomaly

49.4886, 0.3317, 0.3303

Monochromacy



Original Color

49.4116, 0.3485, 0.3644

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.2893, 0.3256, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4116, 0.3485, 0.3644 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(200, 185, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 157)  
}
```

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(200, 185, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 157) }
```

Border

The CSS property to change the border of an element to Yxy 49.4116, 0.3485, 0.3644 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(200, 185, 157) }
```

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

```
.border{ border-color:rgb(200, 185, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4116, 0.3485, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 157) }
```

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

```
.background{ background-color: rgb(200,  
185, 157) }
```

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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