

Converting Colors

$Yxy(49.1700, 0.3593, 0.3646)$

Have a look what the booklet for
Yxy(49.1700, 0.3593, 0.3646)
contains.

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Color

Yxy(49.1657, 0.3599, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	D0B699
RGB	208, 182, 153
RGB Percent	82%, 71%, 60%
CMY	0.1843, 0.2863, 0.3999
CMYK	0.00, 0.12, 0.26, 0.18
HSL	32°, 37%, 71%
HSV	32°, 26%, 82%
XYZ	48.4920, 49.1657, 37.0797
YIQ	186.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

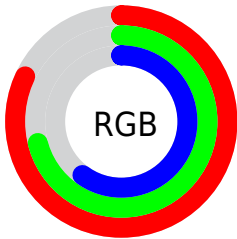
Format	Color
R _Y B	202, 208, 153
Decimal	13678233
CIE Lab	75.55, 4.90, 18.19
CIE LCh	76, 18.835, 74.929
Yxy	49.1657, 0.3599, 0.3649
Android (android.graphics.Color)	4291868313 (0xFFD0B699)
YUV	186.4680, -16.4997, 18.8836
Hunter-Lab	70.1183, 0.7391, 17.7292

Details

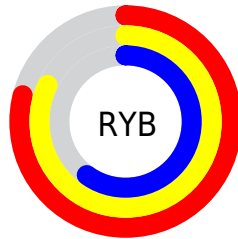
The Yxy color **49.1657, 0.3599, 0.3649** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.5775, 0.2707, 0.2902**, and the grayscale version is **49.4651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9141, 0.3441, 0.3600**, and **23.4321, 0.3731, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **44.6508, 0.3819, 0.3791**, and if you desaturate by 10%, it is **54.0880, 0.3402, 0.3508**.

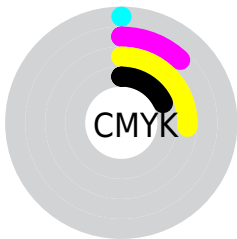
Distribution



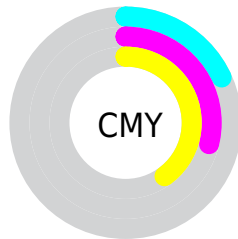
- Red (82%)
- Green (71%)
- Blue (60%)



- Red (79%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1657, 0.3599, 0.3649 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 49.1657, 0.3599, 0.3649 by changing the saturation by 10% instead.


 49.1657, 0.3599,
0.3649


 49.1657, 0.3599,
0.3649


383.3943, 0.3365,
0.3474

 34.7509, 0.3657,
0.3691


 88.9375, 0.3514,
0.3587

 23.4711, 0.3730,
0.3744


 115.0633, 0.3482,
0.3563

 14.9417, 0.3827,
0.3812


145.8617, 0.3455,
0.3543

 8.7785, 0.3960,
0.3902

181.7169, 0.3432,
0.3525

 4.5970, 0.4151,
0.4028

223.0133, 0.3412,
0.3510

 2.0128, 0.4485,
0.4243

270.1354, 0.3394,

 0.6149, 0.5338,

0.3497

0.4662

323.4676, 0.3378,
0.3485

0.0000, 0.0000,
0.0000

49.1657, 0.3599,
0.3649

49.1657, 0.3599,
0.3649

44.6508, 0.3819,
0.3791

54.0880, 0.3402,
0.3508

40.5244, 0.4059,
0.3927

59.4222, 0.3228,
0.3373

36.7762, 0.4316,
0.4050

65.1815, 0.3075,
0.3245

33.3925, 0.4579,
0.4146

71.3762, 0.2941,
0.3127

30.3584, 0.4837,
0.4204

77.8853, 0.2835,
0.3038

■ 27.6574, 0.5073,
0.4212

■ 83.5530, 0.2841,
0.3143

■ 25.2701, 0.5272,
0.4166

■ 89.5352, 0.2847,
0.3246

■ 24.4847, 0.5339,
0.4143

■ 92.1503, 0.2849,
0.3289

Harmonies

Analogous

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



49.1657, 0.3638, 0.3465



49.1657, 0.3599, 0.3649



49.1657, 0.3430, 0.3746

Triad

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



49.1657, 0.3599, 0.3649



49.1657, 0.2734, 0.3314



49.1657, 0.3053, 0.2908

Complementary

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



49.1657, 0.3599, 0.3649



43.5775, 0.2707, 0.2902

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.



49.1657, 0.2820, 0.2860



49.1657, 0.3599, 0.3649



49.1657, 0.2642, 0.3081

Square

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



49.1657, 0.3599, 0.3649



49.1657, 0.2930, 0.3552



49.1657, 0.2672, 0.2919



49.1657, 0.3316, 0.3047

Rectangle

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



49.1657, 0.3599, 0.3649



49.1657, 0.3271, 0.3739



49.1657, 0.2672, 0.2919



49.1657, 0.2969, 0.2881

Sweetspot

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



49.1679, 0.3599, 0.3649



92.7537, 0.3255, 0.3395



39.4787, 0.3422, 0.2962



19.5720, 0.3281, 0.3415



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.



49.1679, 0.3599, 0.3649



73.6158, 0.3727, 0.3734



60.6917, 0.3516, 0.3947



12.8249, 0.3278, 0.3413



15.4548, 0.5318, 0.4159



1.0224, 0.5057, 0.4367

Inverse Universe

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



43.5775, 0.2707, 0.2902



63.2308, 0.2608, 0.2800



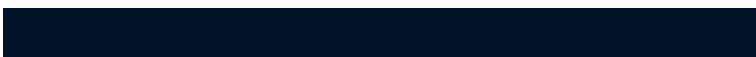
34.2076, 0.2680, 0.2540



12.3265, 0.2982, 0.3164



8.5155, 0.1750, 0.1500



0.6345, 0.1846, 0.1846

Previews

White Background



This preview shows how the Yxy color 49.1657, 0.3599, 0.3649 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 49.1657, 0.3599, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

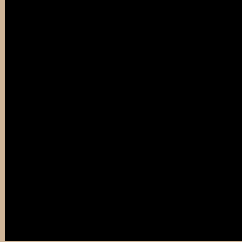
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1657, 0.3599, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 49.1657, 0.3599, 0.3649.



This preview shows how white text looks on a background with the Yxy color 49.1657, 0.3599, 0.3649.

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

49.1657, 0.3599, 0.3649

Protanopia

49.3547, 0.3472, 0.3685

Deuteranopia

49.1722, 0.3673, 0.3593



Tritanopia

49.1590, 0.3327, 0.3136

Trichromacy



Original Color

49.1657, 0.3599, 0.3649

Protanomaly

49.4485, 0.3519, 0.3681

Deuteranomaly

49.1217, 0.3642, 0.3608

Tritanomaly

49.2634, 0.3427, 0.3315

Monochromacy



Original Color

49.1657, 0.3599, 0.3649

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.2233, 0.3291, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1657, 0.3599, 0.3649 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(208, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 153)  
}
```

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(208, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 153) }
```

Border

The CSS property to change the border of an element to Yxy 49.1657, 0.3599, 0.3649 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(208, 182, 153) }
```

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

```
.border{ border-color:rgb(208, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1657, 0.3599, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 153) }
```

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

```
.background{ background-color: rgb(208,  
182, 153) }
```

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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