

Converting Colors

Yxy(51.3194, 0.3585, 0.4064)

Have a look what the booklet for
Yxy(51.3194, 0.3585, 0.4064)
contains.

Yxy(51.0399, 0.3582, 0.4059)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.0399, 0.3582, 0.4059)

Conversions

Conversions Part 1

Format	Color
Hex	C0C185
RGB	192, 193, 133
RGB Percent	75%, 76%, 52%
CMY	0.2470, 0.2431, 0.4785
CMYK	0.01, 0.00, 0.31, 0.24
HSL	61°, 33%, 64%
HSV	61°, 31%, 76%
XYZ	45.0419, 51.0399, 29.6632
YIQ	185.8610, 18.6640, -18.8720

Conversions

Conversions Part 2

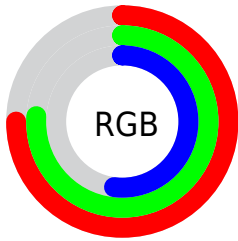
Format	Color
RYB	133, 193, 134
Decimal	12632453
CIELab	76.70, -9.76, 30.18
CIELCh	77, 31.720, 107.928
Yxy	51.0399, 0.3582, 0.4059
Android (android.graphics.Color)	4290822533 (0xFFC0C185)
YUV	185.8610, -26.0605, 5.3839
Hunter-Lab	71.4422, -12.4858, 25.3920

Details

The Yxy color **51.0399, 0.3582, 0.4059** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.6899, 0.2590, 0.2390**, and the grayscale version is **49.1627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4790, 0.3504, 0.3914**, and **24.7840, 0.3690, 0.4270** is the 20% darker color. If you saturate the color by 10%, you get **50.5149, 0.3722, 0.4298**, and if you desaturate by 10%, it is **51.6676, 0.3435, 0.3810**.

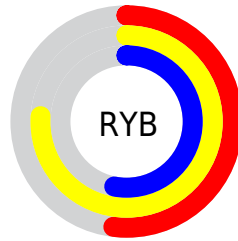
Distribution



Red (75%)

Green (76%)

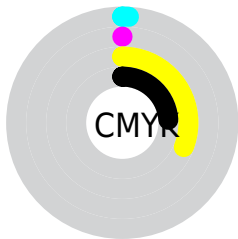
Blue (52%)



Red (52%)

Yellow (76%)

Blue (53%)

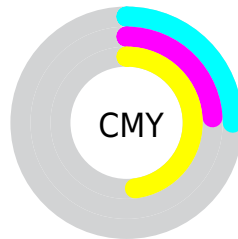


Cyan (1%)

Magenta (0%)

Yellow (31%)

Black (24%)



Cyan (25%)


Magenta (24%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0399, 0.3582, 0.4059 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 51.0399, 0.3582, 0.4059 by changing the saturation by 10% instead.


 51.0399, 0.3582,
0.4059


 51.0399, 0.3582,
0.4059


390.7188, 0.3365,
0.3676


 36.2404, 0.3632,
0.4153


 91.7137, 0.3506,
0.3921

 24.6199, 0.3692,
0.4272


 118.3569, 0.3477,
0.3869

 15.7941, 0.3768,
0.4427


 149.7166, 0.3452,
0.3824

 9.3786, 0.3861,
0.4635

186.1774, 0.3430,
0.3786

 4.9889, 0.3974,
0.4924

228.1236, 0.3411,
0.3753

 2.2408, 0.4339,
0.5661

275.9396, 0.3394,

 0.7421, 0.3862,

0.3724

0.6138

330.0099, 0.3379,
0.3699

0.0000, 0.0000,
0.0000

51.0399, 0.3582,
0.4059

51.0399, 0.3582,
0.4059

50.5149, 0.3722,
0.4298

51.6676, 0.3435,
0.3810

50.0803, 0.3850,
0.4517

52.3961, 0.3288,
0.3560

49.7326, 0.3961,
0.4708


53.2323, 0.3143,
0.3316

49.4652, 0.4049,
0.4861


54.1805, 0.3004,
0.3083

49.2705, 0.4111,
0.4973


55.2449, 0.2873,
0.2864


 49.1397, 0.4148,
0.5042

 56.4293, 0.2752,
0.2661

 49.0617, 0.4164,
0.5076

 56.8654, 0.2717,
0.2600

 56.9081, 0.2719,
0.2600

 56.9509, 0.2721,
0.2600

Harmonies

Analogous

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



51.0399, 0.3888, 0.3893



51.0399, 0.3582, 0.4059



51.0399, 0.3166, 0.3997

Triad

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



51.0399, 0.3582, 0.4059



51.0399, 0.2338, 0.2898



51.0399, 0.3478, 0.2924

Complementary

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



51.0399, 0.3582, 0.4059



25.6899, 0.2590, 0.2390

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.



51.0399, 0.3040, 0.2694



51.0399, 0.3582, 0.4059



51.0399, 0.2406, 0.2661

Square

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



51.0399, 0.3582, 0.4059



51.0399, 0.2461, 0.3277



51.0399, 0.2653, 0.2597



51.0399, 0.3835, 0.3243

Rectangle

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



51.0399, 0.3582, 0.4059



51.0399, 0.2886, 0.3819



51.0399, 0.2653, 0.2597



51.0399, 0.3334, 0.2835

Sweetspot

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



51.0422, 0.3582, 0.4059



94.1141, 0.3259, 0.3512



30.0784, 0.3819, 0.3306



20.1458, 0.3280, 0.3548



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



51.0422, 0.3582, 0.4059



90.7804, 0.3674, 0.4216



47.5162, 0.3320, 0.4130



11.7495, 0.3262, 0.3518



32.6338, 0.4165, 0.5075



1.4128, 0.4171, 0.5070

Inverse Universe

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



25.6899, 0.2590, 0.2390



38.5267, 0.2457, 0.2168



28.5146, 0.2872, 0.2457



9.7558, 0.2986, 0.3052



2.5782, 0.1506, 0.0603



0.1142, 0.1529, 0.0616

Previews

White Background



This preview shows how the Yxy color 51.0399, 0.3582, 0.4059 looks on a white background.

Color Contrast Check

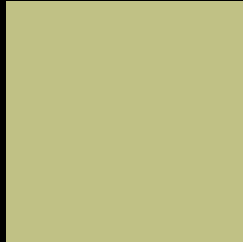
Large Text (above 18pt) WCAG AA × Fail

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 51.0399, 0.3582, 0.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

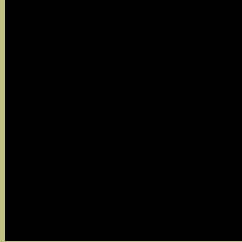
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

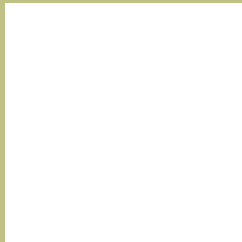
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0399, 0.3582, 0.4059

Background



This preview shows how black text looks on a background with the Yxy color 51.0399, 0.3582, 0.4059.



This preview shows how white text looks on a background with the Yxy color 51.0399, 0.3582, 0.4059.

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

51.0399, 0.3582, 0.4059

Protanopia

50.8713, 0.3720, 0.4010

Deuteranopia

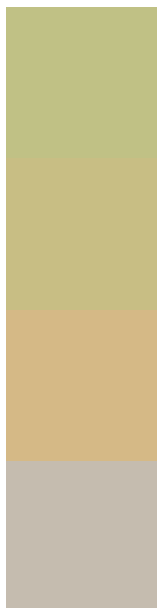
50.8046, 0.3913, 0.3827



Tritanopia

51.1008, 0.3143, 0.3120

Trichromacy



Original Color

51.0399, 0.3582, 0.4059

Protanomaly

50.7722, 0.3672, 0.4018

Deuteranomaly

50.5653, 0.3794, 0.3908

Tritanomaly

50.9319, 0.3305, 0.3453

Monochromacy



Original Color

51.0399, 0.3582, 0.4059

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8766, 0.3290, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0399, 0.3582, 0.4059 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(192, 193, 133)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 133)  
}
```

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(192, 193, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 133) }
```

Border

The CSS property to change the border of an element to Yxy 51.0399, 0.3582, 0.4059 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(192, 193, 133) }
```

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

```
.border{ border-color:rgb(192, 193, 133) }
```

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

Here you see how a box with a 4 pixel rgb(192, 193, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 133);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0399, 0.3582, 0.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 133) }
```

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

```
.background{ background-color: rgb(192,  
193, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor