

Converting Colors

$Yxy(51.5820, 0.3363, 0.3583)$

Have a look what the booklet for
Yxy(51.5820, 0.3363, 0.3583)
contains.

Yxy(51.4872, 0.3366, 0.3579)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.4872, 0.3366, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	C5BEA7
RGB	197, 190, 167
RGB Percent	77%, 75%, 65%
CMY	0.2273, 0.2549, 0.3451
CMYK	0.00, 0.04, 0.15, 0.23
HSL	46°, 21%, 71%
HSV	46°, 15%, 77%
XYZ	48.4230, 51.4872, 43.9490
YIQ	189.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

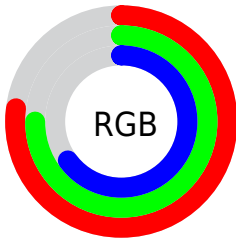
Format	Color
RYB	176, 197, 167
Decimal	12959399
CIELab	76.97, -1.41, 12.49
CIELCh	77, 12.571, 96.431
Yxy	51.4872, 0.3366, 0.3579
Android (android.graphics.Color)	4291149479 (0xFFC5BEA7)
YUV	189.4710, -11.0782, 6.6029
Hunter-Lab	71.7546, -5.1112, 13.9137

Details

The Yxy color **51.4872, 0.3366, 0.3579** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5449, 0.2887, 0.2983**, and the grayscale version is **51.2368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2563, 0.3326, 0.3527**, and **24.9688, 0.3429, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **48.8432, 0.3537, 0.3776**, and if you desaturate by 10%, it is **54.3104, 0.3206, 0.3387**.

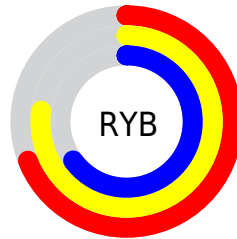
Distribution



Red (77%)

Green (75%)

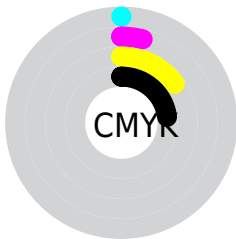
Blue (65%)



Red (69%)

Yellow (77%)

Blue (65%)

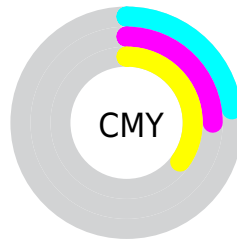


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4872, 0.3366, 0.3579 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 51.4872, 0.3366, 0.3579 by changing the saturation by 10% instead.

■ 51.4872, 0.3366,
0.3579

■ 51.4872, 0.3366,
0.3579

392.4537, 0.3249,
0.3437

■ 36.5965, 0.3395,
0.3614

■ 92.3745, 0.3324,
0.3528

■ 24.8952, 0.3431,
0.3658

■ 119.1399, 0.3308,
0.3508

■ 15.9990, 0.3478,
0.3717

150.6324, 0.3294,
0.3492

■ 9.5235, 0.3543,
0.3797

187.2362, 0.3283,
0.3478

■ 5.0842, 0.3636,
0.3914

229.3359, 0.3273,
0.3465

■ 2.2967, 0.3781,
0.4099

277.3158, 0.3264,

■ 0.7720, 0.4753,

0.3455

0.5247

331.5602, 0.3256,
0.3445

0.0000, 0.0000,
0.0000

51.4872, 0.3366,
0.3579

51.4872, 0.3366,
0.3579

48.8432, 0.3537,
0.3776

54.3104, 0.3206,
0.3387

46.3660, 0.3717,
0.3973

57.3112, 0.3059,
0.3204

44.0519, 0.3901,
0.4163

60.4969, 0.2925,
0.3033

41.8944, 0.4083,
0.4335

63.8722, 0.2804,
0.2873

39.8864, 0.4256,
0.4480

66.7448, 0.2754,
0.2831

■ 38.0201, 0.4411,
0.4588

■ 69.1070, 0.2758,
0.2884

■ 36.2864, 0.4540,
0.4651

■ 71.5360, 0.2762,
0.2935

■ 34.6742, 0.4640,
0.4667

■ 74.0326, 0.2766,
0.2987

■ 33.9398, 0.4682,
0.4664

■ 76.5971, 0.2770,
0.3038

Harmonies

Analogous

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



51.4872, 0.3453, 0.3500



51.4872, 0.3366, 0.3579



51.4872, 0.3215, 0.3579

Triad

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



51.4872, 0.3366, 0.3579



51.4872, 0.2814, 0.3196



51.4872, 0.3204, 0.3097

Complementary

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



51.4872, 0.3366, 0.3579



42.5449, 0.2887, 0.2983

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.



51.4872, 0.3032, 0.3019



51.4872, 0.3366, 0.3579



51.4872, 0.2811, 0.3071

Square

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



51.4872, 0.3366, 0.3579



51.4872, 0.2898, 0.3353



51.4872, 0.2889, 0.3008



51.4872, 0.3359, 0.3223

Rectangle

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



51.4872, 0.3366, 0.3579



51.4872, 0.3101, 0.3532



51.4872, 0.2889, 0.3008



51.4872, 0.3147, 0.3064

Sweetspot

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



51.4895, 0.3366, 0.3579



97.3109, 0.3203, 0.3384



42.5931, 0.3341, 0.3195



20.7491, 0.3214, 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.



51.4895, 0.3366, 0.3579



90.7050, 0.3417, 0.3639



53.6290, 0.3291, 0.3671



11.9786, 0.3271, 0.3466



22.4464, 0.4674, 0.4671



1.1683, 0.4554, 0.4766

Inverse Universe

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



42.5449, 0.2887, 0.2983



71.9109, 0.2835, 0.2916



40.7323, 0.2947, 0.2894



10.6849, 0.2983, 0.3108



4.0578, 0.1576, 0.0872



0.3075, 0.1690, 0.1284

Previews

White Background



This preview shows how the Yxy color 51.4872, 0.3366, 0.3579 looks on a white background.

Color Contrast Check

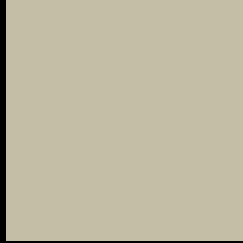
Large Text (above 18pt) WCAG AA × Fail

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 51.4872, 0.3366, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

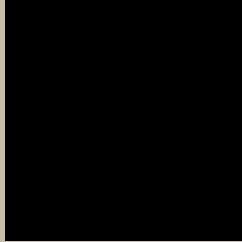
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

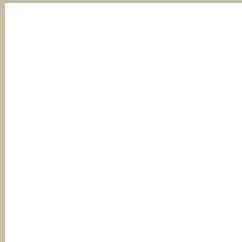
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4872, 0.3366, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 51.4872, 0.3366, 0.3579.



This preview shows how white text looks on a background with the Yxy color 51.4872, 0.3366, 0.3579.

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

51.4872, 0.3366, 0.3579

Protanopia

51.3273, 0.3385, 0.3566

Deuteranopia

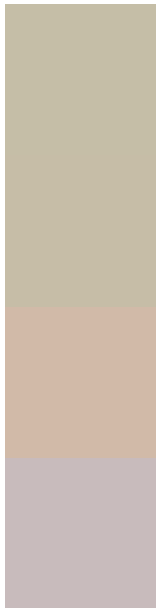
51.2931, 0.3540, 0.3470



Tritanopia

51.2856, 0.3144, 0.3109

Trichromacy



Original Color

51.4872, 0.3366, 0.3579

Protanomaly

51.1910, 0.3376, 0.3566

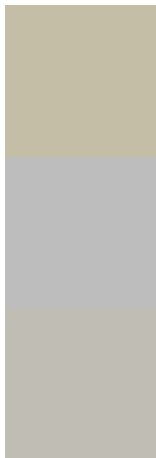
Deuteranomaly

51.5003, 0.3471, 0.3510

Tritanomaly

51.4508, 0.3228, 0.3278

Monochromacy



Original Color

51.4872, 0.3366, 0.3579

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9379, 0.3214, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4872, 0.3366, 0.3579 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, 190, 167)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 167)  
}
```

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, 190, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 167) }
```

Border

The CSS property to change the border of an element to Yxy 51.4872, 0.3366, 0.3579 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, 190, 167) }
```

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

```
.border{ border-color:rgb(197, 190, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 190, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 167);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4872, 0.3366, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 167) }
```

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

```
.background{ background-color: rgb(197,  
190, 167) }
```

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