

Converting Colors

Yxy(57.8730, 0.3402, 0.4249)

Have a look what the booklet for
Yxy(57.8730, 0.3402, 0.4249)
contains.

Yxy(57.9498, 0.3399, 0.4251)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.9498, 0.3399, 0.4251)

Conversions

Conversions Part 1

Format	Color
Hex	B3D388
RGB	179, 211, 136
RGB Percent	70%, 83%, 53%
CMY	0.2979, 0.1726, 0.4667
CMYK	0.15, 0.00, 0.36, 0.17
HSL	86°, 46%, 68%
HSV	86°, 36%, 83%
XYZ	46.3353, 57.9498, 32.0353
YIQ	192.8820, 5.0030, -30.1090

Conversions

Conversions Part 2

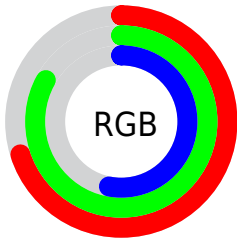
Format	Color
RYB	136, 211, 168
Decimal	11785096
CIELab	80.71, -23.34, 33.72
CIElCh	81, 41.013, 124.691
Yxy	57.9498, 0.3399, 0.4251
Android (android.graphics.Color)	4289975176 (0xFFB3D388)
YUV	192.8820, -28.0428, -12.1745
Hunter-Lab	76.1248, -24.5697, 28.3366

Details

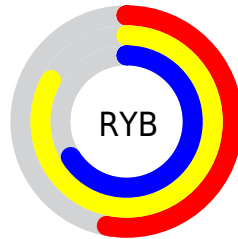
The Yxy color **57.9498, 0.3399, 0.4251** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.6315, 0.2761, 0.2304**, and the grayscale version is **53.4262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0706, 0.3386, 0.3957**, and **28.7928, 0.3448, 0.4515** is the 20% darker color. If you saturate the color by 10%, you get **56.3734, 0.3461, 0.4541**, and if you desaturate by 10%, it is **59.7193, 0.3327, 0.3963**.

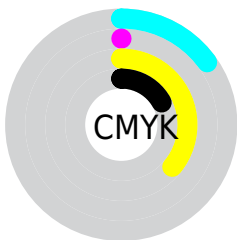
Distribution



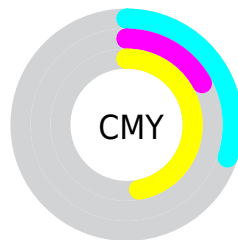
- Red (70%)
- Green (83%)
- Blue (53%)



- Red (53%)
- Yellow (83%)
- Blue (66%)



- Cyan (15%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)





- Cyan (30%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9498, 0.3399, 0.4251 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 57.9498, 0.3399, 0.4251 by changing the saturation by 10% instead.


 57.9498, 0.3399,
0.4251


 57.9498, 0.3399,
0.4251


416.9989, 0.3282,
0.3772


 41.7683, 0.3422,
0.4369


 101.8498, 0.3361,
0.4078

 28.9199, 0.3448,
0.4518


 130.3370, 0.3345,
0.4013

 19.0202, 0.3475,
0.4713


 163.6949, 0.3332,
0.3957

 11.6849, 0.3500,
0.4976

202.3079, 0.3319,
0.3909

 6.5295, 0.3511,
0.5346

246.5605, 0.3308,
0.3868

 3.1696, 0.3607,
0.6125

296.8368, 0.3299,

 1.2209, 0.3134,

0.3832

0.6866

353.5215, 0.3290,
0.3800

0.0787, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.9498, 0.3399,
0.4251

57.9498, 0.3399,
0.4251

56.3734, 0.3461,
0.4541

59.7193, 0.3327,
0.3963

54.9740, 0.3509,
0.4821


61.6818, 0.3250,
0.3686


53.7454, 0.3538,
0.5078


63.8472, 0.3171,
0.3426


52.6772, 0.3545,
0.5298

66.2222, 0.3092,
0.3185

 51.7581, 0.3527,
0.5469

 68.8132, 0.3017,
0.2966

 50.9741, 0.3488,
0.5588

 71.1272, 0.2992,
0.2840

 50.6577, 0.3466,
0.5630

 72.6790, 0.3055,
0.2848

 74.3090, 0.3119,
0.2857

 75.0663, 0.3147,
0.2861

Harmonies

Analogous

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



57.9498, 0.3872, 0.4174



57.9498, 0.3399, 0.4251



57.9498, 0.2876, 0.4002

Triad

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



57.9498, 0.3399, 0.4251



57.9498, 0.2185, 0.2615



57.9498, 0.3833, 0.3046

Complementary

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



57.9498, 0.3399, 0.4251



30.6315, 0.2761, 0.2304

Split Complementary

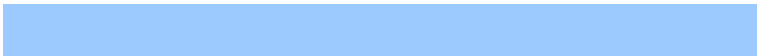
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.9498, 0.3320, 0.2705



57.9498, 0.3399, 0.4251



57.9498, 0.2389, 0.2454

Square

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



57.9498, 0.3399, 0.4251



57.9498, 0.2202, 0.2984



57.9498, 0.2790, 0.2493



57.9498, 0.4149, 0.3457

Rectangle

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



57.9498, 0.3399, 0.4251



57.9498, 0.2571, 0.3685



57.9498, 0.2790, 0.2493



57.9498, 0.3675, 0.2921

Sweetspot

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



57.9523, 0.3399, 0.4251



96.1265, 0.3215, 0.3569



43.3544, 0.3834, 0.3680



20.4787, 0.3226, 0.3605



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.



57.9523, 0.3399, 0.4251



87.0253, 0.3449, 0.4481



54.1368, 0.3121, 0.4339



13.5363, 0.3201, 0.3524



30.6349, 0.3476, 0.5622



1.7592, 0.3605, 0.5520

Inverse Universe

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



30.6315, 0.2761, 0.2304



38.7938, 0.2655, 0.2061



35.2545, 0.3108, 0.2399



11.6604, 0.3048, 0.3054



4.2051, 0.1895, 0.0817



0.2815, 0.2104, 0.0933

Previews

White Background



This preview shows how the Yxy color 57.9498, 0.3399, 0.4251 looks on a white background.

Color Contrast Check

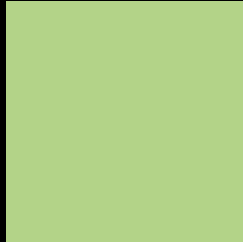
Large Text (above 18pt) WCAG AA × Fail

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 57.9498, 0.3399, 0.4251 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 57.9498, 0.3399, 0.4251

Background



This preview shows how black text looks on a background with the Yxy color 57.9498, 0.3399, 0.4251.



This preview shows how white text looks on a background with the Yxy color 57.9498, 0.3399, 0.4251.

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

57.9498, 0.3399, 0.4251

Protanopia

57.6990, 0.3789, 0.4096

Deuteranopia

57.3322, 0.3941, 0.3854



Tritanopia

57.7302, 0.2933, 0.3099

Trichromacy



Original Color

57.9498, 0.3399, 0.4251

Protanomaly

57.5757, 0.3638, 0.4152

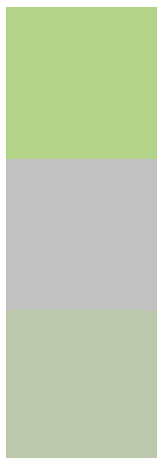
Deuteranomaly

57.0040, 0.3737, 0.3984

Tritanomaly

57.7326, 0.3102, 0.3501

Monochromacy



Original Color

57.9498, 0.3399, 0.4251

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.9785, 0.3237, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9498, 0.3399, 0.4251 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(179, 211, 136)` looks like.

```
.text, #text, p{  
    color:rgb(179, 211, 136)  
}
```

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(179, 211, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 211, 136) }
```

Border

The CSS property to change the border of an element to Yxy 57.9498, 0.3399, 0.4251 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(179, 211, 136) }
```

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

```
.border{ border-color:rgb(179, 211, 136) }
```

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

Here you see how a box with a 4 pixel rgb(179, 211, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 211, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 211, 136);  
box-shadow:4px 4px 4px 4px rgb(179, 211,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9498, 0.3399, 0.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 211, 136) }
```

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

```
.background{ background-color: rgb(179,  
211, 136) }
```

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