

Converting Colors

Yxy(54.7345, 0.3327, 0.3838)

Have a look what the booklet for
Yxy(54.7345, 0.3327, 0.3838)
contains.

Yxy(54.8067, 0.3330, 0.3839)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8067, 0.3330, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	BBC99E
RGB	187, 201, 158
RGB Percent	73%, 79%, 62%
CMY	0.2669, 0.2117, 0.3804
CMYK	0.07, 0.00, 0.21, 0.21
HSL	80°, 28%, 70%
HSV	80°, 21%, 79%
XYZ	47.5401, 54.8067, 40.4162
YIQ	191.9120, 5.4590, -16.3410

Conversions

Conversions Part 2

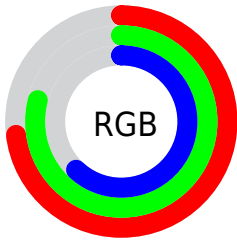
Format	Color
RYB	158, 201, 172
Decimal	12306846
CIELab	78.93, -12.28, 19.94
CIElCh	79, 23.418, 121.638
Yxy	54.8067, 0.3330, 0.3839
Android (android.graphics.Color)	4290496926 (0xFFBBC99E)
YUV	191.9120, -16.7186, -4.3078
Hunter-Lab	74.0315, -14.9297, 19.4538

Details

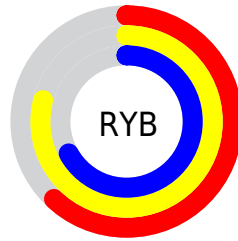
The Yxy color **54.8067, 0.3330, 0.3839** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4478, 0.2891, 0.2721**, and the grayscale version is **52.7509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3788, 0.3297, 0.3711**, and **26.8946, 0.3378, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **53.3621, 0.3421, 0.4114**, and if you desaturate by 10%, it is **56.4074, 0.3235, 0.3574**.

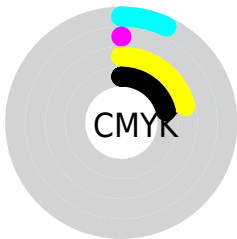
Distribution



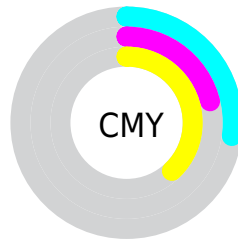
- Red (73%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)




- Cyan (27%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8067, 0.3330, 0.3839 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 54.8067, 0.3330, 0.3839 by changing the saturation by 10% instead.


 54.8067, 0.3330,
0.3839

 54.8067, 0.3330,
0.3839


405.1788, 0.3235,
0.3566

 39.2470, 0.3352,
0.3906


 97.2577, 0.3297,
0.3740

 26.9519, 0.3378,
0.3993


 124.9177, 0.3284,
0.3703

 17.5371, 0.3411,
0.4106


157.3800, 0.3273,
0.3671

 10.6182, 0.3453,
0.4263

195.0289, 0.3264,
0.3644

 5.8107, 0.3507,
0.4491

238.2489, 0.3255,
0.3621

 2.7303, 0.3572,
0.4851

287.4242, 0.3248,

 0.9926, 0.3919,

0.3600

0.6081

342.9394, 0.3241,
0.3582

0.0000, 0.0000,
0.0000

54.8067, 0.3330,
0.3839

54.8067, 0.3330,
0.3839

53.3621, 0.3421,
0.4114

56.4074, 0.3235,
0.3574

52.0603, 0.3505,
0.4391

58.1625, 0.3140,
0.3324

50.8973, 0.3577,
0.4661


60.0797, 0.3048,
0.3092

49.8660, 0.3631,
0.4910


62.1642, 0.2960,
0.2879

48.9585, 0.3664,
0.5128


64.1929, 0.2899,
0.2720


 48.1661, 0.3671,
0.5303


 65.2387, 0.2945,
0.2728

 47.4781, 0.3654,
0.5429

 66.3252, 0.2992,
0.2736

 46.9542, 0.3625,
0.5504

 67.4531, 0.3039,
0.2743

 68.6226, 0.3087,
0.2751

Harmonies

Analogous

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



54.8067, 0.3595, 0.3801



54.8067, 0.3330, 0.3839



54.8067, 0.3020, 0.3710

Triad

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



54.8067, 0.3330, 0.3839



54.8067, 0.2552, 0.2916



54.8067, 0.3511, 0.3126

Complementary

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



54.8067, 0.3330, 0.3839



37.4478, 0.2891, 0.2721

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.



54.8067, 0.3213, 0.2917



54.8067, 0.3330, 0.3839



54.8067, 0.2667, 0.2792

Square

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



54.8067, 0.3330, 0.3839



54.8067, 0.2580, 0.3154



54.8067, 0.2905, 0.2797



54.8067, 0.3706, 0.3381

Rectangle

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



54.8067, 0.3330, 0.3839



54.8067, 0.2829, 0.3546



54.8067, 0.2905, 0.2797



54.8067, 0.3419, 0.3049

Sweetspot

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



54.8091, 0.3330, 0.3839



98.1162, 0.3185, 0.3439



44.2486, 0.3519, 0.3465



20.9583, 0.3191, 0.3455



0.0000, 0.0000, 0.0000



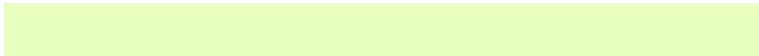
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8091, 0.3330, 0.3839



92.5559, 0.3376, 0.3975



52.3459, 0.3161, 0.3869



12.2364, 0.3216, 0.3522



29.5673, 0.3633, 0.5498



1.4381, 0.3753, 0.5402

Inverse Universe

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



37.4478, 0.2891, 0.2721



57.2461, 0.2826, 0.2573



40.0238, 0.3080, 0.2752



10.4532, 0.3033, 0.3055



3.4195, 0.1745, 0.0735



0.2014, 0.1986, 0.0867

Previews

White Background



This preview shows how the Yxy color 54.8067, 0.3330, 0.3839 looks on a white background.

Color Contrast Check

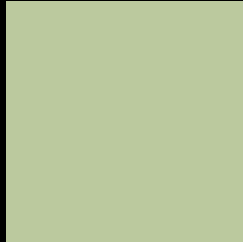
Large Text (above 18pt) WCAG AA × Fail

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 54.8067, 0.3330, 0.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

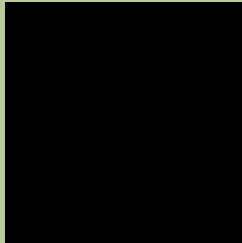
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8067, 0.3330, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 54.8067, 0.3330, 0.3839.



This preview shows how white text looks on a background with the Yxy color 54.8067, 0.3330, 0.3839.

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

54.8067, 0.3330, 0.3839

Protanopia

54.6622, 0.3536, 0.3778

Deuteranopia

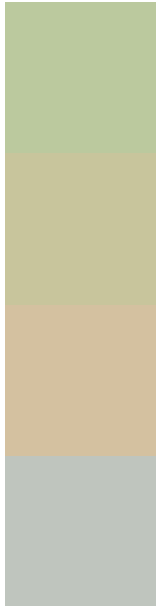
54.7084, 0.3674, 0.3603



Tritanopia

54.6564, 0.3018, 0.3109

Trichromacy



Original Color

54.8067, 0.3330, 0.3839

Protanomaly

54.6122, 0.3463, 0.3799

Deuteranomaly

54.6750, 0.3545, 0.3687

Tritanomaly

54.7266, 0.3131, 0.3377

Monochromacy



Original Color

54.8067, 0.3330, 0.3839

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2727, 0.3199, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8067, 0.3330, 0.3839 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(187, 201, 158)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 158)  
}
```

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(187, 201, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 158) }
```

Border

The CSS property to change the border of an element to Yxy 54.8067, 0.3330, 0.3839 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(187, 201, 158) }
```

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

```
.border{ border-color:rgb(187, 201, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 201, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 158);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8067, 0.3330, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 158) }
```

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

```
.background{ background-color: rgb(187,  
201, 158) }
```

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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