

Converting Colors

$Yxy(53.6673, 0.3328, 0.3806)$

Have a look what the booklet for
Yxy(53.6673, 0.3328, 0.3806)
contains.

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Color

Yxy(53.8803, 0.3334, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	BBC79E
RGB	187, 199, 158
RGB Percent	73%, 78%, 62%
CMY	0.2667, 0.2196, 0.3804
CMYK	0.06, 0.00, 0.21, 0.22
HSL	78°, 27%, 70%
HSV	78°, 21%, 78%
XYZ	47.0870, 53.8803, 40.2655
YIQ	190.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

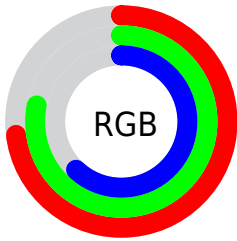
Format	Color
RYB	158, 199, 170
Decimal	12306334
CIELab	78.39, -11.23, 19.19
CIELCh	78, 22.233, 120.338
Yxy	53.8803, 0.3334, 0.3815
Android (android.graphics.Color)	4290496414 (0xFFBBC79E)
YUV	190.7380, -16.1398, -3.2782
Hunter-Lab	73.4032, -13.9506, 18.8586

Details

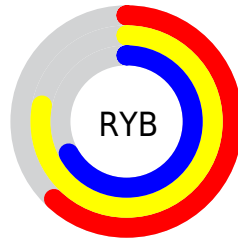
The Yxy color **53.8803, 0.3334, 0.3815** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1255, 0.2889, 0.2742**, and the grayscale version is **52.0338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3788, 0.3297, 0.3711**, and **26.3597, 0.3395, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **52.5314, 0.3432, 0.4087**, and if you desaturate by 10%, it is **55.3748, 0.3233, 0.3553**.

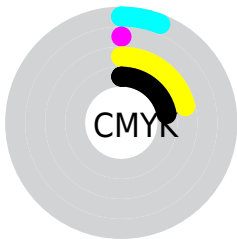
Distribution



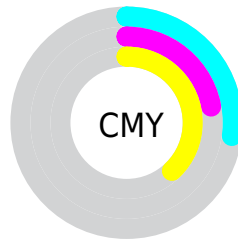
- Red (73%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





- Cyan (27%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8803, 0.3334, 0.3815 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 53.8803, 0.3334, 0.3815 by changing the saturation by 10% instead.


 53.8803, 0.3334,
0.3815


 53.8803, 0.3334,
0.3815


401.6534, 0.3236,
0.3554

 38.5060, 0.3356,
0.3880


 95.8985, 0.3300,
0.3720

 26.3756, 0.3384,
0.3962


 123.3111, 0.3287,
0.3685

 17.1049, 0.3419,
0.4072


155.5053, 0.3275,
0.3654

 10.3093, 0.3464,
0.4223

192.8654, 0.3266,
0.3629

 5.6045, 0.3522,
0.4443

235.7759, 0.3257,
0.3606

 2.6061, 0.3597,
0.4793

284.6211, 0.3249,

 0.9297, 0.3957,

0.3586

0.6043

339.7855, 0.3242,
0.3569

0.0000, 0.0000,
0.0000

53.8803, 0.3334,
0.3815

53.8803, 0.3334,
0.3815

52.5314, 0.3432,
0.4087

55.3748, 0.3233,
0.3553

51.3152, 0.3523,
0.4360

57.0131, 0.3133,
0.3304

50.2281, 0.3601,
0.4625

58.8025, 0.3036,
0.3074

49.2634, 0.3663,
0.4870

60.7479, 0.2943,
0.2862

48.4135, 0.3703,
0.5083

62.6913, 0.2872,
0.2694

■ 47.6702, 0.3719,
0.5255

■ 63.5961, 0.2913,
0.2701

■ 47.0234, 0.3709,
0.5379

■ 64.5326, 0.2955,
0.2708

■ 46.4866, 0.3682,
0.5458

■ 65.5014, 0.2997,
0.2715

■ 66.5026, 0.3039,
0.2723

Harmonies

Analogous

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



53.8803, 0.3583, 0.3773



53.8803, 0.3334, 0.3815



53.8803, 0.3038, 0.3698

Triad

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



53.8803, 0.3334, 0.3815



53.8803, 0.2575, 0.2941



53.8803, 0.3483, 0.3124

Complementary

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



53.8803, 0.3334, 0.3815



37.1255, 0.2889, 0.2742

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.



53.8803, 0.3197, 0.2926



53.8803, 0.3334, 0.3815



53.8803, 0.2680, 0.2817

Square

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



53.8803, 0.3334, 0.3815



53.8803, 0.2608, 0.3172



53.8803, 0.2903, 0.2815



53.8803, 0.3675, 0.3367

Rectangle

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



53.8803, 0.3334, 0.3815



53.8803, 0.2854, 0.3545



53.8803, 0.2903, 0.2815



53.8803, 0.3394, 0.3051

Sweetspot

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



53.8827, 0.3334, 0.3815



98.2131, 0.3188, 0.3438



43.2186, 0.3505, 0.3440



20.9813, 0.3194, 0.3455



0.0000, 0.0000, 0.0000



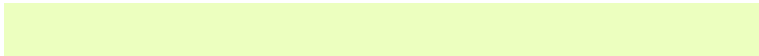
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8827, 0.3334, 0.3815



93.1806, 0.3381, 0.3944



51.5218, 0.3170, 0.3843



12.2550, 0.3221, 0.3521



29.9364, 0.3689, 0.5453



1.4534, 0.3798, 0.5366

Inverse Universe

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



37.1255, 0.2889, 0.2742



58.2818, 0.2824, 0.2601



39.5407, 0.3069, 0.2771



10.4355, 0.3028, 0.3054



3.2754, 0.1701, 0.0711



0.1931, 0.1937, 0.0841

Previews

White Background



This preview shows how the Yxy color 53.8803, 0.3334, 0.3815 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 53.8803, 0.3334, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

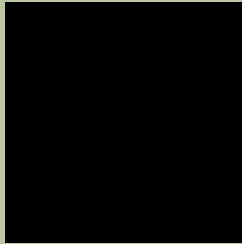
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

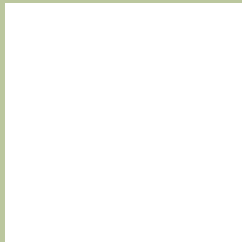
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8803, 0.3334, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 53.8803, 0.3334, 0.3815.



This preview shows how white text looks on a background with the Yxy color 53.8803, 0.3334, 0.3815.

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

53.8803, 0.3334, 0.3815

Protanopia

53.6283, 0.3533, 0.3756

Deuteranopia

53.5383, 0.3663, 0.3583



Tritanopia

53.6736, 0.3032, 0.3109

Trichromacy



Original Color

53.8803, 0.3334, 0.3815

Protanomaly

53.5726, 0.3459, 0.3777

Deuteranomaly

53.6486, 0.3542, 0.3665

Tritanomaly

53.7807, 0.3140, 0.3365

Monochromacy



Original Color

53.8803, 0.3334, 0.3815

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7854, 0.3207, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8803, 0.3334, 0.3815 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, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(187, 199, 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, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 199, 158) }
```

Border

The CSS property to change the border of an element to Yxy 53.8803, 0.3334, 0.3815 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, 199, 158) }
```

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

```
.border{ border-color:rgb(187, 199, 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, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(187, 199,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8803, 0.3334, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 199, 158) }
```

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

```
.background{ background-color: rgb(187,  
199, 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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