

Converting Colors

$Yxy(53.5309, 0.3321, 0.3826)$

Have a look what the booklet for
Yxy(53.5309, 0.3321, 0.3826)
contains.

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Color

Yxy(53.5955, 0.3325, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	B9C79D
RGB	185, 199, 157
RGB Percent	73%, 78%, 62%
CMY	0.2745, 0.2196, 0.3843
CMYK	0.07, 0.00, 0.21, 0.22
HSL	80°, 27%, 70%
HSV	80°, 21%, 78%
XYZ	46.5166, 53.5955, 39.7874
YIQ	190.0260, 5.1380, -16.0300

Conversions

Conversions Part 2

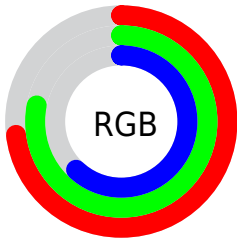
Format	Color
RYB	157, 199, 171
Decimal	12175261
CIELab	78.23, -12.12, 19.47
CIElCh	78, 22.934, 121.891
Yxy	53.5955, 0.3325, 0.3831
Android (android.graphics.Color)	4290365341 (0xFFB9C79D)
YUV	190.0260, -16.2818, -4.4078
Hunter-Lab	73.2089, -14.6977, 19.0235

Details

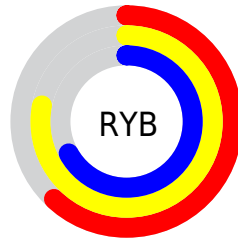
The Yxy color **53.5955, 0.3325, 0.3831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8925, 0.2898, 0.2730**, and the grayscale version is **51.6027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9742, 0.3290, 0.3723**, and **26.1969, 0.3372, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **52.1668, 0.3416, 0.4106**, and if you desaturate by 10%, it is **55.1781, 0.3231, 0.3566**.

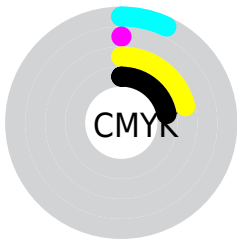
Distribution



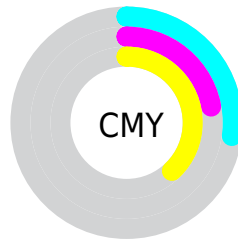
- Red (73%)
- Green (78%)
- Blue (62%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5955, 0.3325, 0.3831 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 53.5955, 0.3325, 0.3831 by changing the saturation by 10% instead.


 53.5955, 0.3325,
0.3831


 53.5955, 0.3325,
0.3831

400.5656, 0.3232,
0.3561

 38.2784, 0.3346,
0.3898


 95.4801, 0.3293,
0.3733

 26.1988, 0.3372,
0.3984


 122.8163, 0.3280,
0.3696

 16.9724, 0.3405,
0.4097


154.9277, 0.3269,
0.3665

 10.2148, 0.3447,
0.4254

192.1986, 0.3260,
0.3638

 5.5416, 0.3500,
0.4484

235.0135, 0.3252,
0.3615

 2.5684, 0.3567,
0.4854

283.7567, 0.3244,

 0.9108, 0.3848,

0.3595

0.6152

338.8126, 0.3238,
0.3577

0.0000, 0.0000,
0.0000

53.5955, 0.3325,
0.3831

53.5955, 0.3325,
0.3831

52.1668, 0.3416,
0.4106

55.1781, 0.3231,
0.3566

50.8790, 0.3499,
0.4384

56.9131, 0.3137,
0.3317

49.7283, 0.3570,
0.4655


58.8080, 0.3046,
0.3085

48.7076, 0.3623,
0.4906

60.8676, 0.2959,
0.2874


47.8094, 0.3655,
0.5126


63.0001, 0.2886,
0.2696

 47.0251, 0.3663,
0.5303

 64.0443, 0.2933,
0.2704

 46.3443, 0.3646,
0.5432

 65.1298, 0.2981,
0.2713

 45.8096, 0.3615,
0.5512

 66.2572, 0.3029,
0.2721

 67.4270, 0.3077,
0.2729

Harmonies

Analogous

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



53.5955, 0.3587, 0.3795



53.5955, 0.3325, 0.3831



53.5955, 0.3019, 0.3702

Triad

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



53.5955, 0.3325, 0.3831



53.5955, 0.2560, 0.2920



53.5955, 0.3508, 0.3131

Complementary

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



53.5955, 0.3325, 0.3831



36.8925, 0.2898, 0.2730

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.



53.5955, 0.3215, 0.2924



53.5955, 0.3325, 0.3831



53.5955, 0.2675, 0.2798

Square

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



53.5955, 0.3325, 0.3831



53.5955, 0.2586, 0.3153



53.5955, 0.2910, 0.2803



53.5955, 0.3699, 0.3382

Rectangle

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



53.5955, 0.3325, 0.3831



53.5955, 0.2831, 0.3540



53.5955, 0.2910, 0.2803



53.5955, 0.3418, 0.3054

Sweetspot

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



53.5978, 0.3325, 0.3831



98.0991, 0.3184, 0.3439



43.4376, 0.3513, 0.3462



20.9543, 0.3190, 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.



53.5978, 0.3325, 0.3831



92.7433, 0.3364, 0.3947



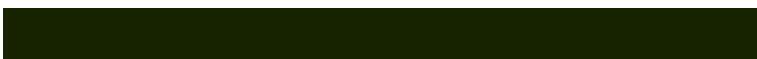
51.2498, 0.3160, 0.3860



12.2331, 0.3215, 0.3522



29.5045, 0.3623, 0.5505



1.4354, 0.3745, 0.5409

Inverse Universe

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



36.8925, 0.2898, 0.2730



58.6618, 0.2843, 0.2604



39.3508, 0.3081, 0.2760



10.4563, 0.3034, 0.3055



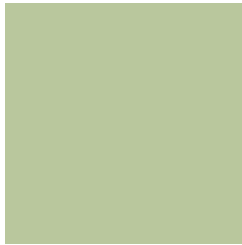
3.4467, 0.1754, 0.0740



0.2030, 0.1994, 0.0872

Previews

White Background



This preview shows how the Yxy color 53.5955, 0.3325, 0.3831 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 53.5955, 0.3325, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

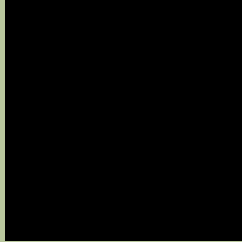
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

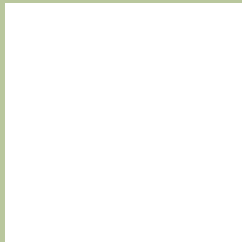
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5955, 0.3325, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 53.5955, 0.3325, 0.3831.



This preview shows how white text looks on a background with the Yxy color 53.5955, 0.3325, 0.3831.

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

53.5955, 0.3325, 0.3831

Protanopia

53.4522, 0.3532, 0.3770

Deuteranopia

53.5032, 0.3671, 0.3594



Tritanopia

53.4107, 0.3017, 0.3108

Trichromacy



Original Color

53.5955, 0.3325, 0.3831

Protanomaly

53.4025, 0.3458, 0.3791

Deuteranomaly

53.4664, 0.3541, 0.3679

Tritanomaly

53.5232, 0.3124, 0.3365

Monochromacy



Original Color

53.5955, 0.3325, 0.3831

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0456, 0.3200, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5955, 0.3325, 0.3831 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(185, 199, 157)` looks like.

```
.text, #text, p{  
    color:rgb(185, 199, 157)  
}
```

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(185, 199, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 199, 157) }
```

Border

The CSS property to change the border of an element to Yxy 53.5955, 0.3325, 0.3831 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(185, 199, 157) }
```

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

```
.border{ border-color:rgb(185, 199, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 199, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 199, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 199, 157);  
box-shadow:4px 4px 4px 4px rgb(185, 199,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5955, 0.3325, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 199, 157) }
```

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

```
.background{ background-color: rgb(185,  
199, 157) }
```

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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