

Converting Colors

Yxy(53.4325, 0.3335, 0.3779)

Have a look what the booklet for
Yxy(53.4325, 0.3335, 0.3779)
contains.

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Color

Yxy(53.5827, 0.3337, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	BCC69F
RGB	188, 198, 159
RGB Percent	74%, 78%, 62%
CMY	0.2627, 0.2235, 0.3766
CMYK	0.05, 0.00, 0.20, 0.22
HSL	75°, 26%, 70%
HSV	75°, 20%, 78%
XYZ	47.1907, 53.5827, 40.6431
YIQ	190.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

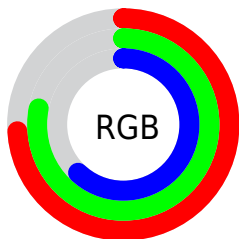
Format	Color
RYB	159, 198, 169
Decimal	12371615
CIELab	78.22, -10.19, 18.44
CIELCh	78, 21.069, 118.922
Yxy	53.5827, 0.3337, 0.3789
Android (android.graphics.Color)	4290561695 (0xFFBCC69F)
YUV	190.5640, -15.5611, -2.2486
Hunter-Lab	73.2002, -13.0251, 18.3204

Details

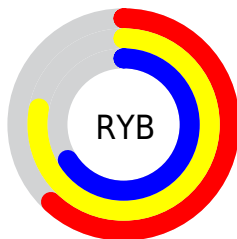
The Yxy color **53.5827, 0.3337, 0.3789** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2959, 0.2889, 0.2766**, and the grayscale version is **51.9244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6081, 0.3297, 0.3700**, and **26.0764, 0.3388, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **52.3191, 0.3442, 0.4057**, and if you desaturate by 10%, it is **54.9837, 0.3230, 0.3529**.

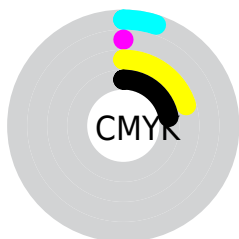
Distribution



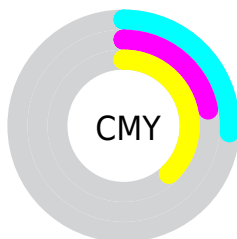
- Red (74%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)




- Cyan (26%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5827, 0.3337, 0.3789 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 53.5827, 0.3337, 0.3789 by changing the saturation by 10% instead.


 53.5827, 0.3337,
0.3789

 53.5827, 0.3337,
0.3789


400.5167, 0.3237,
0.3541

 38.2681, 0.3360,
0.3850


 95.4613, 0.3302,
0.3699

 26.1909, 0.3389,
0.3929


 122.7940, 0.3289,
0.3665

 16.9665, 0.3425,
0.4033


154.9017, 0.3277,
0.3637

 10.2106, 0.3472,
0.4176

192.1686, 0.3267,
0.3612

 5.5388, 0.3535,
0.4385

234.9792, 0.3258,
0.3591

 2.5667, 0.3617,
0.4717

283.7178, 0.3250,

 0.9100, 0.4037,

0.3572

0.5963

338.7688, 0.3244,
0.3555

0.0000, 0.0000,
0.0000

53.5827, 0.3337,
0.3789

53.5827, 0.3337,
0.3789

52.3191, 0.3442,
0.4057

54.9837, 0.3230,
0.3529

51.1805, 0.3540,
0.4326

56.5202, 0.3124,
0.3283

50.1632, 0.3627,
0.4587

58.1994, 0.3022,
0.3054

49.2609, 0.3697,
0.4827

60.0258, 0.2925,
0.2843

48.4665, 0.3745,
0.5036

61.8106, 0.2852,
0.2680

■ 47.7718, 0.3769,
0.5204

■ 62.5825, 0.2888,
0.2686

■ 47.1673, 0.3768,
0.5326

■ 63.3783, 0.2924,
0.2692

■ 46.6357, 0.3746,
0.5406

■ 64.1983, 0.2960,
0.2698

■ 46.6210, 0.3745,
0.5408

■ 65.0426, 0.2997,
0.2705

Harmonies

Analogous

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



53.5827, 0.3569, 0.3744



53.5827, 0.3337, 0.3789



53.5827, 0.3056, 0.3685

Triad

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



53.5827, 0.3337, 0.3789



53.5827, 0.2600, 0.2968



53.5827, 0.3454, 0.3122

Complementary

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



53.5827, 0.3337, 0.3789



37.2959, 0.2889, 0.2766

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.



53.5827, 0.3180, 0.2937



53.5827, 0.3337, 0.3789



53.5827, 0.2694, 0.2843

Square

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



53.5827, 0.3337, 0.3789



53.5827, 0.2638, 0.3191



53.5827, 0.2903, 0.2835



53.5827, 0.3641, 0.3353

Rectangle

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



53.5827, 0.3337, 0.3789



53.5827, 0.2879, 0.3544



53.5827, 0.2903, 0.2835



53.5827, 0.3368, 0.3053

Sweetspot

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



53.5851, 0.3337, 0.3789



98.3179, 0.3191, 0.3438



42.7845, 0.3489, 0.3417



21.0061, 0.3198, 0.3455



0.0000, 0.0000, 0.0000



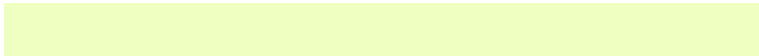
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5851, 0.3337, 0.3789



93.8139, 0.3386, 0.3913



51.2978, 0.3179, 0.3814



12.2750, 0.3227, 0.3521



30.3599, 0.3751, 0.5404



1.4707, 0.3848, 0.5327

Inverse Universe

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



37.2959, 0.2889, 0.2766



59.3389, 0.2823, 0.2628



39.5871, 0.3061, 0.2793



10.4166, 0.3022, 0.3054



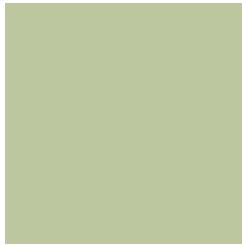
3.1394, 0.1659, 0.0687



0.1845, 0.1886, 0.0813

Previews

White Background



This preview shows how the Yxy color 53.5827, 0.3337, 0.3789 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 53.5827, 0.3337, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

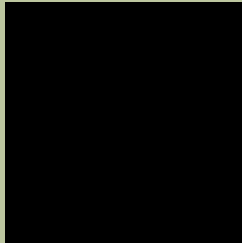
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

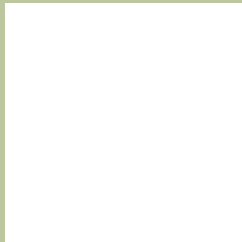
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5827, 0.3337, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 53.5827, 0.3337, 0.3789.



This preview shows how white text looks on a background with the Yxy color 53.5827, 0.3337, 0.3789.

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

53.5827, 0.3337, 0.3789

Protanopia

53.5534, 0.3508, 0.3733

Deuteranopia

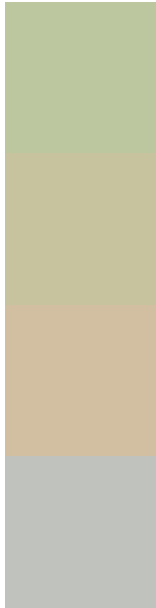
53.3790, 0.3654, 0.3584



Tritanopia

53.3687, 0.3040, 0.3097

Trichromacy



Original Color

53.5827, 0.3337, 0.3789

Protanomaly

53.6409, 0.3444, 0.3751

Deuteranomaly

53.0666, 0.3536, 0.3655

Tritanomaly

53.5077, 0.3141, 0.3340

Monochromacy



Original Color

53.5827, 0.3337, 0.3789

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 53.5827, 0.3337, 0.3789 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(188, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 159)  
}
```

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(188, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 159) }
```

Border

The CSS property to change the border of an element to Yxy 53.5827, 0.3337, 0.3789 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(188, 198, 159) }
```

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

```
.border{ border-color:rgb(188, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 159);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5827, 0.3337, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 159) }
```

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

```
.background{ background-color: rgb(188,  
198, 159) }
```

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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