

Converting Colors

Yxy(53.6173, 0.3306, 0.3830)

Have a look what the booklet for
Yxy(53.6173, 0.3306, 0.3830)
contains.

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Color

Yxy(53.3827, 0.3301, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	B7C79E
RGB	183, 199, 158
RGB Percent	72%, 78%, 62%
CMY	0.2824, 0.2196, 0.3805
CMYK	0.08, 0.00, 0.21, 0.22
HSL	83°, 27%, 70%
HSV	83°, 21%, 78%
XYZ	46.1178, 53.3827, 40.2082
YIQ	189.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

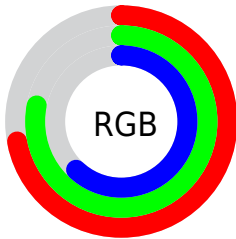
Format	Color
RYB	158, 199, 174
Decimal	12044190
CIELab	78.10, -12.71, 18.75
CIElCh	78, 22.654, 124.119
Yxy	53.3827, 0.3301, 0.3821
Android (android.graphics.Color)	4290234270 (0xFFB7C79E)
YUV	189.5420, -15.5502, -5.7373
Hunter-Lab	73.0635, -15.1914, 18.5160

Details

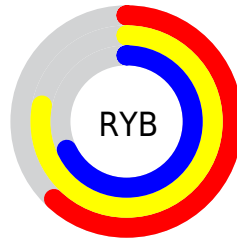
The Yxy color **53.3827, 0.3301, 0.3821** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5680, 0.2924, 0.2747**, and the grayscale version is **51.3032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6748, 0.3271, 0.3715**, and **26.0372, 0.3350, 0.3977** is the 20% darker color. If you saturate the color by 10%, you get **51.8273, 0.3382, 0.4100**, and if you desaturate by 10%, it is **55.1064, 0.3217, 0.3554**.

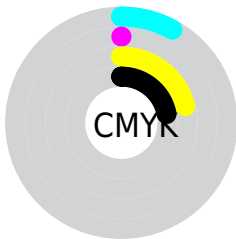
Distribution



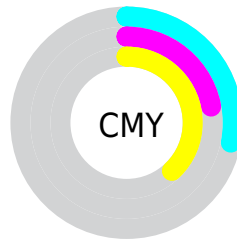
- Red (72%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





- Cyan (28%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3827, 0.3301, 0.3821 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 53.3827, 0.3301, 0.3821 by changing the saturation by 10% instead.


 53.3827, 0.3301,
0.3821


 53.3827, 0.3301,
0.3821


399.7517, 0.3220,
0.3555

 38.1084, 0.3320,
0.3887

 95.1673, 0.3273,
0.3725

 26.0668, 0.3342,
0.3972


 122.4463, 0.3262,
0.3688

 16.8736, 0.3370,
0.4084


154.4957, 0.3252,
0.3658

 10.1444, 0.3406,
0.4240

191.6998, 0.3244,
0.3631

 5.4948, 0.3451,
0.4469

234.4431, 0.3237,
0.3609

 2.5404, 0.3505,
0.4837

283.1099, 0.3230,

 0.8968, 0.3768,

0.3589

0.6232

338.0846, 0.3225,
0.3571

0.0000, 0.0000,
0.0000

53.3827, 0.3301,
0.3821

53.3827, 0.3301,
0.3821

51.8273, 0.3382,
0.4100

55.1064, 0.3217,
0.3554

50.4271, 0.3455,
0.4385

56.9971, 0.3132,
0.3305

49.1777, 0.3517,
0.4665

59.0628, 0.3050,
0.3075

48.0719, 0.3562,
0.4929

61.3086, 0.2971,
0.2866

47.1018, 0.3586,
0.5161

63.5788, 0.2912,
0.2701

■ 46.2583, 0.3586,
0.5352

■ 64.8338, 0.2968,
0.2710

■ 45.5310, 0.3562,
0.5493

■ 66.1461, 0.3024,
0.2720

■ 44.9368, 0.3523,
0.5585

■ 67.5166, 0.3081,
0.2730

■ 68.9457, 0.3138,
0.2740

Harmonies

Analogous

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



53.3827, 0.3566, 0.3797



53.3827, 0.3301, 0.3821



53.3827, 0.2998, 0.3682

Triad

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



53.3827, 0.3301, 0.3821



53.3827, 0.2569, 0.2911



53.3827, 0.3523, 0.3150

Complementary

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



53.3827, 0.3301, 0.3821



37.5680, 0.2924, 0.2747

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.



53.3827, 0.3237, 0.2940



53.3827, 0.3301, 0.3821



53.3827, 0.2693, 0.2800

Square

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



53.3827, 0.3301, 0.3821



53.3827, 0.2585, 0.3135



53.3827, 0.2933, 0.2813



53.3827, 0.3701, 0.3400

Rectangle

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



53.3827, 0.3301, 0.3821



53.3827, 0.2816, 0.3517



53.3827, 0.2933, 0.2813



53.3827, 0.3435, 0.3073

Sweetspot

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



53.3850, 0.3301, 0.3821



97.9374, 0.3178, 0.3439



44.7697, 0.3495, 0.3492



20.9160, 0.3184, 0.3456



0.0000, 0.0000, 0.0000



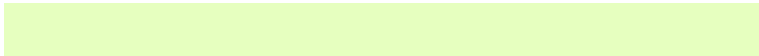
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3850, 0.3301, 0.3821



92.1315, 0.3340, 0.3952



51.0815, 0.3138, 0.3848



12.2022, 0.3206, 0.3522



28.9433, 0.3532, 0.5578



1.4115, 0.3670, 0.5468

Inverse Universe

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



37.5680, 0.2924, 0.2747



59.2131, 0.2869, 0.2609



40.0678, 0.3107, 0.2776



10.4861, 0.3043, 0.3055



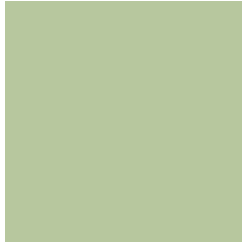
3.7333, 0.1839, 0.0787



0.2185, 0.2082, 0.0920

Previews

White Background



This preview shows how the Yxy color 53.3827, 0.3301, 0.3821 looks on a white background.

Color Contrast Check

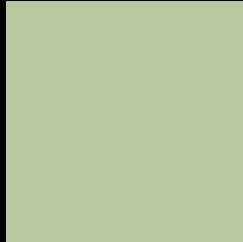
Large Text (above 18pt) WCAG AA × Fail

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 53.3827, 0.3301, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

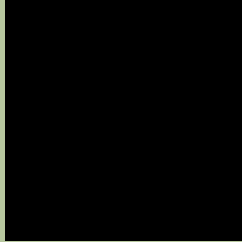
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

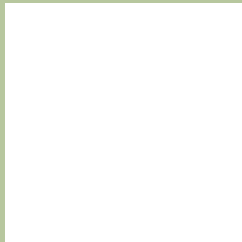
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3827, 0.3301, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 53.3827, 0.3301, 0.3821.



This preview shows how white text looks on a background with the Yxy color 53.3827, 0.3301, 0.3821.

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

53.3827, 0.3301, 0.3821

Protanopia

53.4856, 0.3524, 0.3758

Deuteranopia

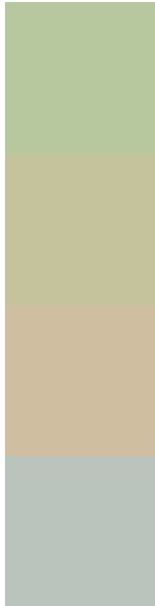
52.9591, 0.3657, 0.3572



Tritanopia

53.1514, 0.3001, 0.3107

Trichromacy



Original Color

53.3827, 0.3301, 0.3821

Protanomaly

53.3008, 0.3442, 0.3780

Deuteranomaly

52.7749, 0.3518, 0.3657

Tritanomaly

53.2691, 0.3108, 0.3365

Monochromacy



Original Color

53.3827, 0.3301, 0.3821

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9191, 0.3191, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3827, 0.3301, 0.3821 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(183, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 158) }
```

Border

The CSS property to change the border of an element to Yxy 53.3827, 0.3301, 0.3821 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(183, 199, 158) }
```

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

```
.border{ border-color:rgb(183, 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(183, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(183, 199,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3827, 0.3301, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 158) }
```

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

```
.background{ background-color: rgb(183,  
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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