

Converting Colors

Yxy(56.6813, 0.3359, 0.3958)

Have a look what the booklet for
Yxy(56.6813, 0.3359, 0.3958)
contains.

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Color

Yxy(56.5273, 0.3359, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	BBCD99
RGB	187, 205, 153
RGB Percent	73%, 80%, 60%
CMY	0.2668, 0.1960, 0.4000
CMYK	0.09, 0.00, 0.25, 0.20
HSL	81°, 34%, 70%
HSV	81°, 25%, 80%
XYZ	48.0697, 56.5273, 38.5101
YIQ	193.6900, 5.9640, -19.9880

Conversions

Conversions Part 2

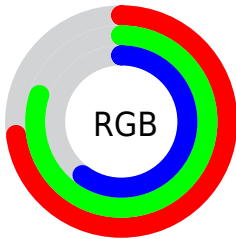
Format	Color
RYB	153, 205, 171
Decimal	12307865
CIELab	79.91, -15.05, 23.93
CIElCh	80, 28.270, 122.174
Yxy	56.5273, 0.3359, 0.3950
Android (android.graphics.Color)	4290497945 (0xFFBBCD99)
YUV	193.6900, -20.0602, -5.8671
Hunter-Lab	75.1846, -17.4483, 22.2605

Details

The Yxy color **56.5273, 0.3359, 0.3950** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.8492, 0.2848, 0.2604**, and the grayscale version is **53.8728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3072, 0.3333, 0.3761**, and **28.0791, 0.3403, 0.4130** is the 20% darker color. If you saturate the color by 10%, you get **55.0353, 0.3445, 0.4229**, and if you desaturate by 10%, it is **58.1850, 0.3268, 0.3679**.

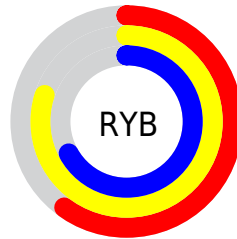
Distribution



Red (73%)

Green (80%)

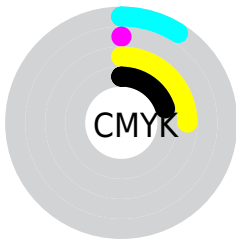
Blue (60%)



Red (60%)

Yellow (80%)

Blue (67%)

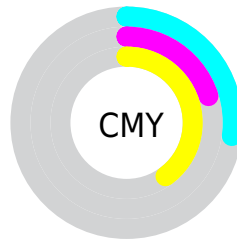


Cyan (9%)

Magenta (0%)

Yellow (25%)

Black (20%)



Cyan (27%)


Magenta (20%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5273, 0.3359, 0.3950 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 56.5273, 0.3359, 0.3950 by changing the saturation by 10% instead.


 56.5273, 0.3359,
0.3950

 56.5273, 0.3359,
0.3950


411.6757, 0.3253,
0.3622

 40.6258, 0.3383,
0.4031


 99.7751, 0.3323,
0.3832

 28.0268, 0.3411,
0.4133


 127.8903, 0.3308,
0.3787

 18.3459, 0.3445,
0.4268


160.8455, 0.3296,
0.3749

 11.1986, 0.3488,
0.4453

199.0251, 0.3285,
0.3717

 6.2006, 0.3537,
0.4718

242.8135, 0.3275,
0.3688

 2.9674, 0.3596,
0.5143

292.5952, 0.3267,

 1.1148, 0.3774,

0.3664

0.6226

348.7544, 0.3259,
0.3642

0.0000, 0.0000,
0.0000

56.5273, 0.3359,
0.3950

56.5273, 0.3359,
0.3950

55.0353, 0.3445,
0.4229

58.1850, 0.3268,
0.3679

53.6950, 0.3521,
0.4508

60.0072, 0.3176,
0.3421

52.5017, 0.3583,
0.4774

62.0020, 0.3086,
0.3182

51.4477, 0.3625,
0.5016

64.1750, 0.2998,
0.2961

50.5242, 0.3645,
0.5222

66.4993, 0.2919,
0.2766

■ 49.7211, 0.3639,
0.5381

■ 67.6488, 0.2968,
0.2774

■ 49.0263, 0.3610,
0.5490

■ 68.8463, 0.3019,
0.2781

■ 48.7313, 0.3592,
0.5530

■ 70.0923, 0.3069,
0.2789

■ 71.3873, 0.3121,
0.2797

Harmonies

Analogous

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



56.5273, 0.3678, 0.3900



56.5273, 0.3359, 0.3950



56.5273, 0.2990, 0.3793

Triad

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



56.5273, 0.3359, 0.3950



56.5273, 0.2447, 0.2838



56.5273, 0.3592, 0.3099

Complementary

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



56.5273, 0.3359, 0.3950



35.8492, 0.2848, 0.2604

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.



56.5273, 0.3235, 0.2854



56.5273, 0.3359, 0.3950



56.5273, 0.2585, 0.2699

Square

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



56.5273, 0.3359, 0.3950



56.5273, 0.2477, 0.3116



56.5273, 0.2867, 0.2709



56.5273, 0.3823, 0.3398

Rectangle

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



56.5273, 0.3359, 0.3950



56.5273, 0.2766, 0.3591



56.5273, 0.2867, 0.2709



56.5273, 0.3481, 0.3009

Sweetspot

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



56.5298, 0.3359, 0.3950



97.4383, 0.3201, 0.3490



44.1545, 0.3607, 0.3510



20.7571, 0.3215, 0.3529



0.0000, 0.0000, 0.0000



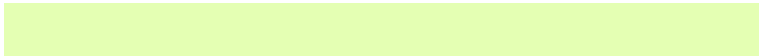
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5298, 0.3359, 0.3950



91.3268, 0.3403, 0.4089



53.6139, 0.3159, 0.3993



12.8945, 0.3213, 0.3523



30.3877, 0.3601, 0.5523



1.6088, 0.3718, 0.5430

Inverse Universe

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



35.8492, 0.2848, 0.2604



52.2424, 0.2781, 0.2452



38.9699, 0.3076, 0.2649



11.0299, 0.3036, 0.3054



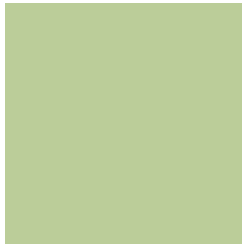
3.6276, 0.1771, 0.0749



0.2291, 0.1996, 0.0873

Previews

White Background



This preview shows how the Yxy color 56.5273, 0.3359, 0.3950 looks on a white background.

Color Contrast Check

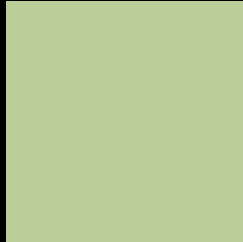
Large Text (above 18pt) WCAG AA × Fail

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 56.5273, 0.3359, 0.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

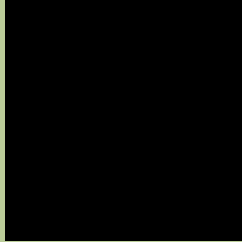
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5273, 0.3359, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 56.5273, 0.3359, 0.3950.



This preview shows how white text looks on a background with the Yxy color 56.5273, 0.3359, 0.3950.

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

56.5273, 0.3359, 0.3950

Protanopia

56.5872, 0.3609, 0.3864

Deuteranopia

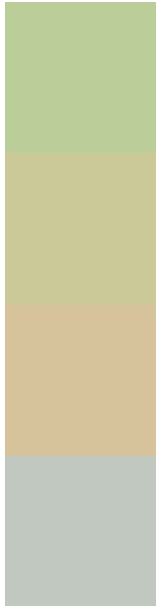
56.2161, 0.3753, 0.3678



Tritanopia

56.3387, 0.2997, 0.3099

Trichromacy



Original Color

56.5273, 0.3359, 0.3950

Protanomaly

56.7042, 0.3516, 0.3902

Deuteranomaly

55.8438, 0.3605, 0.3766

Tritanomaly

56.2766, 0.3130, 0.3400

Monochromacy



Original Color

56.5273, 0.3359, 0.3950

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7192, 0.3211, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5273, 0.3359, 0.3950 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, 205, 153)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 153)  
}
```

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, 205, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 153) }
```

Border

The CSS property to change the border of an element to Yxy 56.5273, 0.3359, 0.3950 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, 205, 153) }
```

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

```
.border{ border-color:rgb(187, 205, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 205, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 153);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5273, 0.3359, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 153) }
```

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

```
.background{ background-color: rgb(187,  
205, 153) }
```

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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