

Converting Colors

Yxy(57.5346, 0.3316, 0.3855)

Have a look what the booklet for
Yxy(57.5346, 0.3316, 0.3855)
contains.

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Color

Yxy(57.5346, 0.3316, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	BDCEA1
RGB	189, 206, 161
RGB Percent	74%, 81%, 63%
CMY	0.2589, 0.1921, 0.3686
CMYK	0.08, 0.00, 0.22, 0.19
HSL	83°, 31%, 72%
HSV	83°, 22%, 81%
XYZ	49.4902, 57.5346, 42.2219
YIQ	195.7870, 4.3130, -17.5990

Conversions

Conversions Part 2

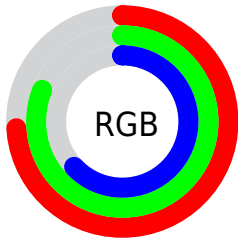
Format	Color
RYB	161, 206, 178
Decimal	12439201
CIELab	80.48, -13.61, 20.50
CIELCh	80, 24.605, 123.578
Yxy	57.5346, 0.3316, 0.3855
Android (android.graphics.Color)	4290629281 (0xFFBDCEA1)
YUV	195.7870, -17.1500, -5.9522
Hunter-Lab	75.8516, -16.2759, 20.0930

Details

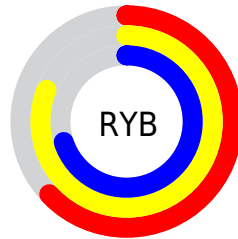
The Yxy color **57.5346, 0.3316, 0.3855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4205, 0.2905, 0.2710**, and the grayscale version is **55.1716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0707, 0.3299, 0.3678**, and **28.7115, 0.3357, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **55.8994, 0.3398, 0.4135**, and if you desaturate by 10%, it is **59.3481, 0.3230, 0.3586**.

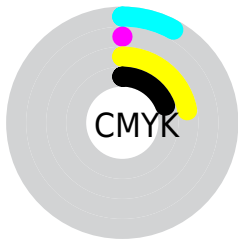
Distribution



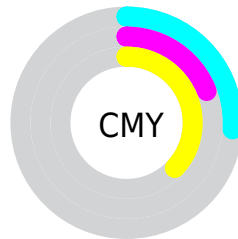
- Red (74%)
- Green (81%)
- Blue (63%)



- Red (63%)
- Yellow (81%)
- Blue (70%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (19%)




- Cyan (26%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5346, 0.3316, 0.3855 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 57.5346, 0.3316, 0.3855 by changing the saturation by 10% instead.


 57.5346, 0.3316,
0.3855

 57.5346, 0.3316,
0.3855


415.4495, 0.3229,
0.3576

 41.4346, 0.3335,
0.3923


 101.2448, 0.3286,
0.3754

 28.6588, 0.3359,
0.4011


 129.6238, 0.3274,
0.3716

 18.8229, 0.3388,
0.4125


162.8647, 0.3264,
0.3684

 11.5424, 0.3424,
0.4282

201.3517, 0.3255,
0.3656

 6.4329, 0.3469,
0.4508

245.4693, 0.3248,
0.3632

 3.1100, 0.3520,
0.4859

295.6018, 0.3241,

 1.1895, 0.3931,

0.3611

0.6069

352.1338, 0.3235,
0.3592

0.0531, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.5346, 0.3316,
0.3855

57.5346, 0.3316,
0.3855

55.8994, 0.3398,
0.4135

59.3481, 0.3230,
0.3586

54.4284, 0.3473,
0.4419


61.3385, 0.3143,
0.3334

53.1166, 0.3535,
0.4696


63.5144, 0.3058,
0.3102


51.9564, 0.3580,
0.4954


65.8814, 0.2977,
0.2889


 50.9391, 0.3602,
0.5180

 67.8502, 0.2957,
0.2782


 50.0547, 0.3601,
0.5363

 69.1527, 0.3012,
0.2791

 49.2917, 0.3575,
0.5494

 70.5135, 0.3067,
0.2799

 48.7427, 0.3541,
0.5570

 71.9330, 0.3123,
0.2807

 72.6254, 0.3150,
0.2811

Harmonies

Analogous

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



57.5346, 0.3596, 0.3825



57.5346, 0.3316, 0.3855



57.5346, 0.2995, 0.3711

Triad

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



57.5346, 0.3316, 0.3855



57.5346, 0.2537, 0.2891



57.5346, 0.3541, 0.3137

Complementary

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



57.5346, 0.3316, 0.3855



39.4205, 0.2905, 0.2710

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.



57.5346, 0.3237, 0.2917



57.5346, 0.3316, 0.3855



57.5346, 0.2665, 0.2773

Square

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



57.5346, 0.3316, 0.3855



57.5346, 0.2556, 0.3130



57.5346, 0.2916, 0.2786



57.5346, 0.3734, 0.3400

Rectangle

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



57.5346, 0.3316, 0.3855



57.5346, 0.2802, 0.3536



57.5346, 0.2916, 0.2786



57.5346, 0.3448, 0.3056

Sweetspot

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



57.5371, 0.3316, 0.3855



97.6454, 0.3188, 0.3464



47.3436, 0.3524, 0.3496



20.8582, 0.3194, 0.3480



0.0000, 0.0000, 0.0000



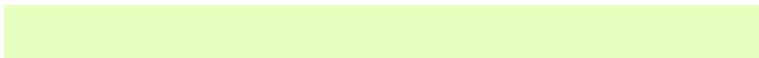
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5371, 0.3316, 0.3855



91.9923, 0.3354, 0.3980



54.9363, 0.3144, 0.3886



12.8766, 0.3208, 0.3523



30.0694, 0.3551, 0.5563



1.5938, 0.3677, 0.5463

Inverse Universe

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



39.4205, 0.2905, 0.2710



57.7480, 0.2851, 0.2578



42.2324, 0.3099, 0.2743



11.0472, 0.3040, 0.3055



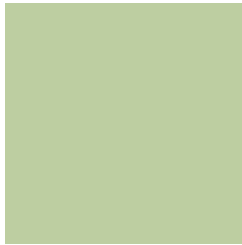
3.7902, 0.1818, 0.0775



0.2387, 0.2044, 0.0900

Previews

White Background



This preview shows how the Yxy color 57.5346, 0.3316, 0.3855 looks on a white background.

Color Contrast Check

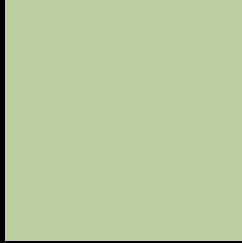
Large Text (above 18pt) WCAG AA × Fail

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 57.5346, 0.3316, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

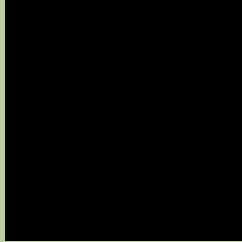
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5346, 0.3316, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 57.5346, 0.3316, 0.3855.



This preview shows how white text looks on a background with the Yxy color 57.5346, 0.3316, 0.3855.

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

57.5346, 0.3316, 0.3855

Protanopia

57.3125, 0.3544, 0.3780

Deuteranopia

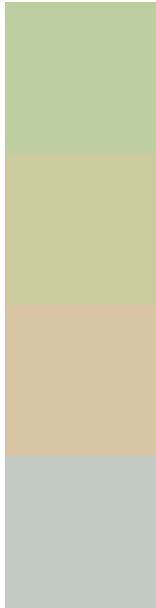
57.3685, 0.3680, 0.3608



Tritanopia

57.6235, 0.2998, 0.3101

Trichromacy



Original Color

57.5346, 0.3316, 0.3855

Protanomaly

57.5816, 0.3462, 0.3813

Deuteranomaly

57.1758, 0.3545, 0.3692

Tritanomaly

57.6505, 0.3115, 0.3375

Monochromacy



Original Color

57.5346, 0.3316, 0.3855

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0649, 0.3196, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5346, 0.3316, 0.3855 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(189, 206, 161)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 161)  
}
```

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(189, 206, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 161) }
```

Border

The CSS property to change the border of an element to Yxy 57.5346, 0.3316, 0.3855 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(189, 206, 161) }
```

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

```
.border{ border-color:rgb(189, 206, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 206, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 206, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 206, 161); box-shadow:4px 4px 4px 4px rgb(189, 206, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5346, 0.3316, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 161) }
```

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

```
.background{ background-color: rgb(189,  
206, 161) }
```

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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