

Converting Colors

Yxy(58.1504, 0.3351, 0.3843)

Have a look what the booklet for
Yxy(58.1504, 0.3351, 0.3843)
contains.

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Color

Yxy(58.1852, 0.3356, 0.3848)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C2CEA1 |
| RGB | 194, 206, 161 |
| RGB Percent | 76%, 81%, 63% |
| CMY | 0.2394, 0.1921, 0.3686 |
| CMYK | 0.06, 0.00, 0.22, 0.19 |
| HSL | 76°, 31%, 72% |
| HSV | 76°, 22%, 81% |
| XYZ | 50.7457, 58.1852, 42.2780 |
| YIQ | 197.2820, 7.2930, -16.5390 |

Conversions

Conversions Part 2

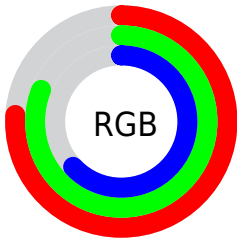
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 161, 206, 173 |
| Decimal | 12766881 |
| CIELab | 80.84, -11.80, 21.06 |
| CIELCh | 81, 24.139, 119.256 |
| Yxy | 58.1852, 0.3356, 0.3848 |
| Android (android.graphics.Color) | 4290956961 (0xFFC2CEA1) |
| YUV | 197.2820, -17.8870, -2.8783 |
| Hunter-Lab | 76.2792, -14.7393, 20.5338 |

Details

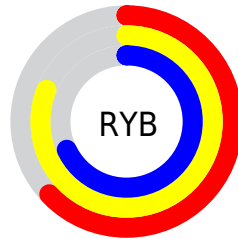
The Yxy color **58.1852, 0.3356, 0.3848** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8413, 0.2862, 0.2703**, and the grayscale version is **56.1193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9871, 0.3331, 0.3674**, and **29.1360, 0.3411, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **56.8034, 0.3458, 0.4119**, and if you desaturate by 10%, it is **59.7190, 0.3251, 0.3585**.

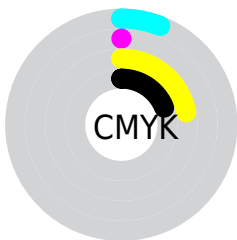
Distribution



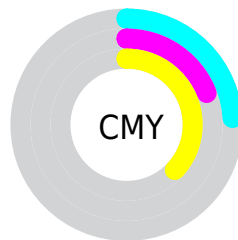
- Red (76%)
- Green (81%)
- Blue (63%)



- Red (63%)
- Yellow (81%)
- Blue (68%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (19%)





- Cyan (24%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1852, 0.3356, 0.3848 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 58.1852, 0.3356, 0.3848 by changing the saturation by 10% instead.


 58.1852, 0.3356,
0.3848


 58.1852, 0.3356,
0.3848


417.8757, 0.3250,
0.3574

 41.9576, 0.3380,
0.3915


 102.1925, 0.3319,
0.3749

 29.0681, 0.3410,
0.4000


 130.7410, 0.3305,
0.3712

 19.1323, 0.3446,
0.4111


164.1651, 0.3292,
0.3680

 11.7659, 0.3493,
0.4261

202.8494, 0.3282,
0.3653

 6.5845, 0.3553,
0.4478

247.1782, 0.3272,
0.3629

 3.2036, 0.3626,
0.4810

297.5359, 0.3264,

 1.2389, 0.4077,

0.3609

0.5923

354.3070, 0.3256,
0.3590

0.0932, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1852, 0.3356,
0.3848

58.1852, 0.3356,
0.3848

56.8034, 0.3458,
0.4119

59.7190, 0.3251,
0.3585

55.5597, 0.3552,
0.4389

61.4029, 0.3146,
0.3334

54.4501, 0.3634,
0.4649

63.2448, 0.3045,
0.3101

53.4672, 0.3697,
0.4886

65.2497, 0.2948,
0.2886

■ 52.6031, 0.3738,
0.5089

■ 66.8282, 0.2912,
0.2776

■ 51.8484, 0.3755,
0.5249

■ 67.7114, 0.2951,
0.2782

■ 51.1921, 0.3746,
0.5362

■ 68.6234, 0.2989,
0.2787

■ 50.7142, 0.3724,
0.5425

■ 69.5643, 0.3028,
0.2793

■ 70.5346, 0.3068,
0.2799

Harmonies

Analogous

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



58.1852, 0.3616, 0.3796



58.1852, 0.3356, 0.3848



58.1852, 0.3043, 0.3731

Triad

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



58.1852, 0.3356, 0.3848



58.1852, 0.2543, 0.2928



58.1852, 0.3494, 0.3106

Complementary

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



58.1852, 0.3356, 0.3848



38.8413, 0.2862, 0.2703

Split Complementary

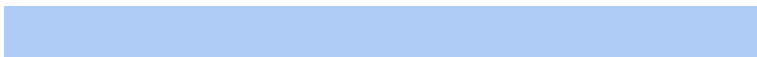
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.1852, 0.3188, 0.2900



58.1852, 0.3356, 0.3848



58.1852, 0.2648, 0.2793

Square

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



58.1852, 0.3356, 0.3848



58.1852, 0.2583, 0.3175



58.1852, 0.2880, 0.2787



58.1852, 0.3702, 0.3361

Rectangle

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



58.1852, 0.3356, 0.3848



58.1852, 0.2848, 0.3571



58.1852, 0.2880, 0.2787



58.1852, 0.3398, 0.3029

Sweetspot

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



58.1878, 0.3356, 0.3848



98.0078, 0.3201, 0.3464



45.5888, 0.3535, 0.3441



20.9422, 0.3207, 0.3479



0.0000, 0.0000, 0.0000



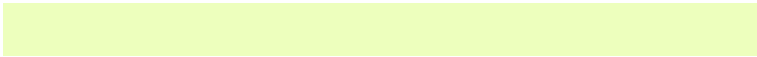
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1878, 0.3356, 0.3848



93.2277, 0.3402, 0.3969



55.4388, 0.3178, 0.3880



12.9397, 0.3225, 0.3522



31.2727, 0.3731, 0.5420



1.6492, 0.3825, 0.5345

Inverse Universe

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



38.8413, 0.2862, 0.2703



56.6734, 0.2798, 0.2568



41.6207, 0.3058, 0.2736



10.9869, 0.3023, 0.3053



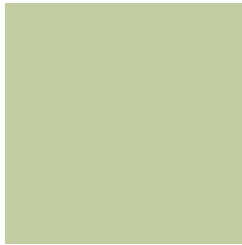
3.2881, 0.1671, 0.0694



0.2077, 0.1884, 0.0811

Previews

White Background



This preview shows how the Yxy color 58.1852, 0.3356, 0.3848 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 58.1852, 0.3356, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

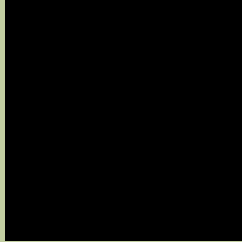
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

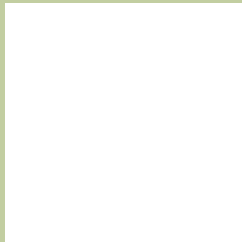
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1852, 0.3356, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 58.1852, 0.3356, 0.3848.

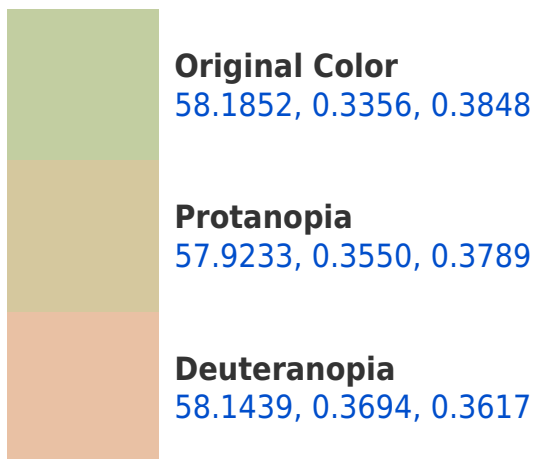


This preview shows how white text looks on a background with the Yxy color 58.1852, 0.3356, 0.3848.

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

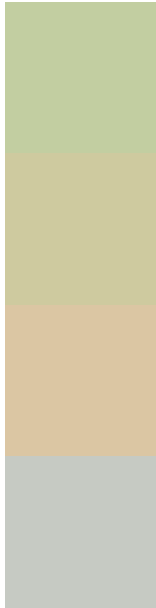




Tritanopia

58.1194, 0.3036, 0.3114

Trichromacy



Original Color

58.1852, 0.3356, 0.3848

Protanomaly

57.8661, 0.3478, 0.3810

Deuteranomaly

58.0926, 0.3568, 0.3700

Tritanomaly

58.1870, 0.3146, 0.3374

Monochromacy



Original Color

58.1852, 0.3356, 0.3848

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5050, 0.3213, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1852, 0.3356, 0.3848 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(194, 206, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 206, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 161) }
```

Border

The CSS property to change the border of an element to Yxy 58.1852, 0.3356, 0.3848 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(194, 206, 161) }
```

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

```
.border{ border-color:rgb(194, 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(194, 206, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 206, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 206, 161); box-shadow:4px 4px 4px 4px rgb(194, 206, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1852, 0.3356, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 161) }
```

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

```
.background{ background-color: rgb(194,  
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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