

Converting Colors

Yxy(58.4251, 0.3343, 0.3809)

Have a look what the booklet for
Yxy(58.4251, 0.3343, 0.3809)
contains.

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Color

Yxy(58.4251, 0.3343, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	C3CEA4
RGB	195, 206, 164
RGB Percent	76%, 81%, 64%
CMY	0.2353, 0.1921, 0.3570
CMYK	0.05, 0.00, 0.20, 0.19
HSL	76°, 30%, 73%
HSV	76°, 20%, 81%
XYZ	51.2773, 58.4251, 43.6846
YIQ	197.9230, 6.9260, -15.3940

Conversions

Conversions Part 2

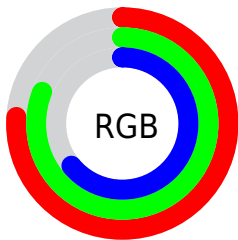
Format	Color
RYB	164, 206, 175
Decimal	12832420
CIELab	80.97, -10.96, 19.69
CIElCh	81, 22.532, 119.100
Yxy	58.4251, 0.3343, 0.3809
Android (android.graphics.Color)	4291022500 (0xFFC3CEA4)
YUV	197.9230, -16.7240, -2.5635
Hunter-Lab	76.4363, -14.0169, 19.6202

Details

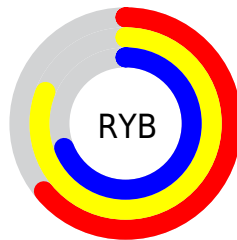
The Yxy color **58.4251, 0.3343, 0.3809** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.1101, 0.2880, 0.2745**, and the grayscale version is **56.5240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3299, 0.3320, 0.3643**, and **29.2890, 0.3393, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **57.0375, 0.3447, 0.4079**, and if you desaturate by 10%, it is **59.9643, 0.3237, 0.3548**.

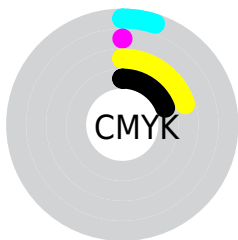
Distribution



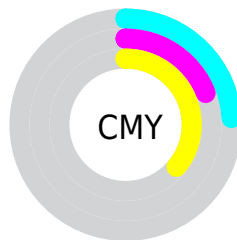
- Red (76%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)





- Cyan (24%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4251, 0.3343, 0.3809 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 58.4251, 0.3343, 0.3809 by changing the saturation by 10% instead.


 58.4251, 0.3343,
0.3809


 58.4251, 0.3343,
0.3809


418.7681, 0.3242,
0.3554

 42.1505, 0.3366,
0.3871


 102.5416, 0.3308,
0.3718

 29.2192, 0.3394,
0.3950


 131.1524, 0.3294,
0.3683

 19.2467, 0.3429,
0.4052


164.6439, 0.3283,
0.3653

 11.8487, 0.3475,
0.4192

203.4007, 0.3273,
0.3628

 6.6407, 0.3533,
0.4393

247.8072, 0.3264,
0.3606

 3.2384, 0.3609,
0.4701

298.2476, 0.3256,

 1.2574, 0.4139,

0.3587

0.5861

355.1064, 0.3249,
0.3570

0.1079, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.4251, 0.3343,
0.3809

58.4251, 0.3343,
0.3809

57.0375, 0.3447,
0.4079

59.9643, 0.3237,
0.3548

55.7878, 0.3543,
0.4349

61.6531, 0.3131,
0.3300

54.6719, 0.3628,
0.4610


63.4993, 0.3029,
0.3069

53.6828, 0.3696,
0.4849

65.5082, 0.2932,
0.2856


 52.8124, 0.3742,
0.5057


 66.8886, 0.2915,
0.2776

 52.0518, 0.3762,
0.5223


 67.7533, 0.2953,
0.2782

 51.3903, 0.3758,
0.5341

 68.6455, 0.2990,
0.2787

 50.8299, 0.3734,
0.5417

 69.5654, 0.3029,
0.2793

 70.5132, 0.3067,
0.2799

Harmonies

Analogous

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



58.4251, 0.3585, 0.3762



58.4251, 0.3343, 0.3809



58.4251, 0.3051, 0.3700

Triad

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



58.4251, 0.3343, 0.3809



58.4251, 0.2581, 0.2954



58.4251, 0.3468, 0.3117

Complementary

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



58.4251, 0.3343, 0.3809



40.1101, 0.2880, 0.2745

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.



58.4251, 0.3183, 0.2924



58.4251, 0.3343, 0.3809



58.4251, 0.2679, 0.2826

Square

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



58.4251, 0.3343, 0.3809



58.4251, 0.2619, 0.3185



58.4251, 0.2895, 0.2819



58.4251, 0.3662, 0.3356

Rectangle

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



58.4251, 0.3343, 0.3809



58.4251, 0.2868, 0.3552



58.4251, 0.2895, 0.2819



58.4251, 0.3379, 0.3045

Sweetspot

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



58.4277, 0.3343, 0.3809



98.3020, 0.3191, 0.3438



46.2614, 0.3505, 0.3422



21.0023, 0.3198, 0.3455



0.0000, 0.0000, 0.0000



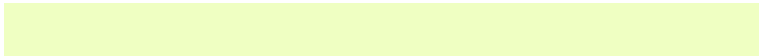
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4277, 0.3343, 0.3809



93.7542, 0.3384, 0.3914



55.8790, 0.3181, 0.3836



12.9433, 0.3226, 0.3522



31.3467, 0.3741, 0.5412



1.6526, 0.3833, 0.5338

Inverse Universe

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



40.1101, 0.2880, 0.2745



59.3891, 0.2825, 0.2629



42.6676, 0.3058, 0.2773



10.9836, 0.3022, 0.3053



3.2657, 0.1664, 0.0690



0.2061, 0.1876, 0.0807

Previews

White Background



This preview shows how the Yxy color 58.4251, 0.3343, 0.3809 looks on a white background.

Color Contrast Check

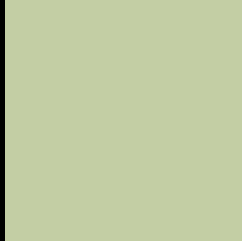
Large Text (above 18pt) WCAG AA × Fail

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 58.4251, 0.3343, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

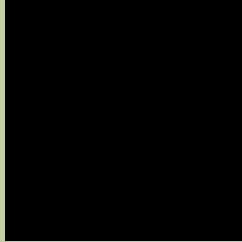
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

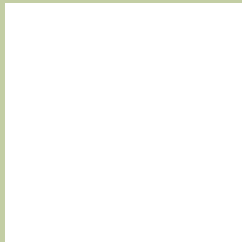
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4251, 0.3343, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 58.4251, 0.3343, 0.3809.



This preview shows how white text looks on a background with the Yxy color 58.4251, 0.3343, 0.3809.

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

58.4251, 0.3343, 0.3809

Protanopia

58.0279, 0.3527, 0.3753

Deuteranopia

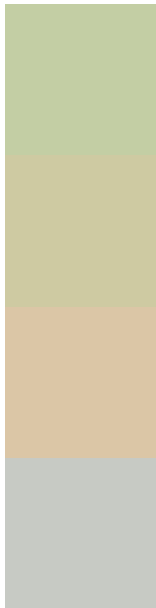
58.0858, 0.3661, 0.3584



Tritanopia

58.3097, 0.3036, 0.3103

Trichromacy



Original Color

58.4251, 0.3343, 0.3809

Protanomaly

57.9715, 0.3456, 0.3773

Deuteranomaly

58.2014, 0.3544, 0.3664

Tritanomaly

58.3687, 0.3147, 0.3362

Monochromacy



Original Color

58.4251, 0.3343, 0.3809

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.1888, 0.3205, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4251, 0.3343, 0.3809 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(195, 206, 164)` looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 164)  
}
```

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(195, 206, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 164) }
```

Border

The CSS property to change the border of an element to Yxy 58.4251, 0.3343, 0.3809 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(195, 206, 164) }
```

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

```
.border{ border-color:rgb(195, 206, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 206, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 164);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4251, 0.3343, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 164) }
```

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

```
.background{ background-color: rgb(195,  
206, 164) }
```

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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