

Converting Colors

Yxy(57.9585, 0.3467, 0.3852)

Have a look what the booklet for
Yxy(57.9585, 0.3467, 0.3852)
contains.

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Color

Yxy(57.8427, 0.3466, 0.3850)

Conversions

Conversions Part 1

Format	Color
Hex	CBCB9D
RGB	203, 203, 157
RGB Percent	80%, 80%, 62%
CMY	0.2039, 0.2039, 0.3843
CMYK	0.00, 0.00, 0.23, 0.20
HSL	60°, 31%, 71%
HSV	60°, 23%, 80%
XYZ	52.0735, 57.8427, 40.3246
YIQ	197.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

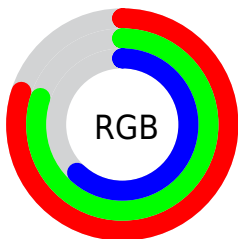
Format	Color
RYB	157, 203, 157
Decimal	13355933
CIELab	80.65, -7.47, 23.01
CIElCh	81, 24.196, 107.980
Yxy	57.8427, 0.3466, 0.3850
Android (android.graphics.Color)	4291546013 (0xFFCBCB9D)
YUV	197.7560, -20.0927, 4.5990
Hunter-Lab	76.0544, -10.8785, 21.8021

Details

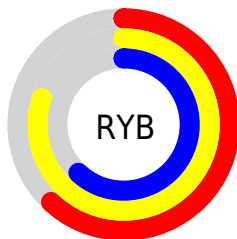
The Yxy color **57.8427, 0.3466, 0.3850** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.6046, 0.2747, 0.2661**, and the grayscale version is **56.4364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **28.8107, 0.3548, 0.4007** is the 20% darker color. If you saturate the color by 10%, you get **57.2063, 0.3615, 0.4097**, and if you desaturate by 10%, it is **58.5995, 0.3315, 0.3600**.

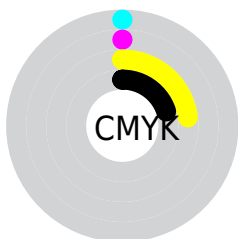
Distribution



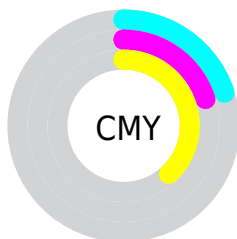
- Red (80%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)





- Cyan (20%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8427, 0.3466, 0.3850 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 57.8427, 0.3466, 0.3850 by changing the saturation by 10% instead.


 57.8427, 0.3466,
0.3850


 57.8427, 0.3466,
0.3850


416.5995, 0.3306,
0.3577

 41.6822, 0.3503,
0.3916

 101.6938, 0.3410,
0.3752

 28.8525, 0.3549,
0.3999

 130.1531, 0.3388,
0.3715

 18.9693, 0.3607,
0.4106


163.4809, 0.3370,
0.3684

 11.6481, 0.3681,
0.4251

202.0614, 0.3354,
0.3656

 6.5045, 0.3780,
0.4455

246.2792, 0.3339,
0.3633

 3.1542, 0.3912,
0.4760

296.5185, 0.3327,

 1.2128, 0.4372,

0.3612

0.5628

353.1638, 0.3316,
0.3593

0.0721, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.8427, 0.3466,
0.3850

57.8427, 0.3466,
0.3850

57.2063, 0.3615,
0.4097

58.5995, 0.3315,
0.3600

56.6768, 0.3758,
0.4332

59.4743, 0.3166,
0.3354

56.2506, 0.3886,
0.4545

60.4745, 0.3023,
0.3118

55.9211, 0.3996,
0.4727

61.6049, 0.2888,
0.2895

■ 55.6805, 0.4083,
0.4870

■ 62.6411, 0.2784,
0.2723

■ 55.5203, 0.4144,
0.4971

■ 62.6432, 0.2784,
0.2723

■ 55.4298, 0.4180,
0.5029

■ 62.6453, 0.2784,
0.2724

■ 55.3940, 0.4194,
0.5052

■ 62.6474, 0.2784,
0.2724

■ 62.6496, 0.2784,
0.2724

Harmonies

Analogous

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



57.8427, 0.3686, 0.3741



57.8427, 0.3466, 0.3850



57.8427, 0.3161, 0.3797

Triad

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



57.8427, 0.3466, 0.3850



57.8427, 0.2538, 0.3008



57.8427, 0.3387, 0.3019

Complementary

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



57.8427, 0.3466, 0.3850



35.6046, 0.2747, 0.2661

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.



57.8427, 0.3068, 0.2843



57.8427, 0.3466, 0.3850



57.8427, 0.2590, 0.2826

Square

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



57.8427, 0.3466, 0.3850



57.8427, 0.2634, 0.3286



57.8427, 0.2779, 0.2772



57.8427, 0.3643, 0.3262

Rectangle

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



57.8427, 0.3466, 0.3850



57.8427, 0.2954, 0.3669



57.8427, 0.2779, 0.2772



57.8427, 0.3282, 0.2951

Sweetspot

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



57.8453, 0.3466, 0.3850



98.9007, 0.3231, 0.3462



39.2784, 0.3579, 0.3282



21.1496, 0.3240, 0.3477



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.



57.8453, 0.3466, 0.3850



96.3218, 0.3537, 0.3967



54.9492, 0.3284, 0.3884



13.0963, 0.3266, 0.3519



35.2483, 0.4194, 0.5052



1.8186, 0.4194, 0.5052

Inverse Universe

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



35.6046, 0.2747, 0.2661



52.8654, 0.2655, 0.2510



38.0447, 0.2938, 0.2694



10.8444, 0.2982, 0.3050



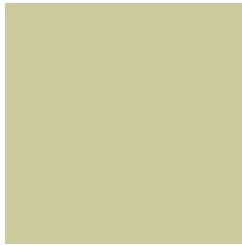
2.7448, 0.1500, 0.0600



0.1417, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 57.8427, 0.3466, 0.3850 looks on a white background.

Color Contrast Check

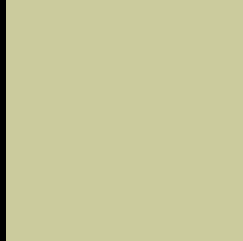
Large Text (above 18pt) WCAG AA × Fail

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 57.8427, 0.3466, 0.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

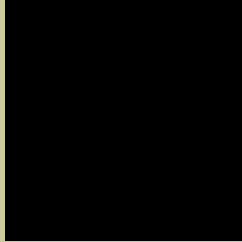
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8427, 0.3466, 0.3850

Background



This preview shows how black text looks on a background with the Yxy color 57.8427, 0.3466, 0.3850.



This preview shows how white text looks on a background with the Yxy color 57.8427, 0.3466, 0.3850.

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

57.8427, 0.3466, 0.3850

Protanopia

57.8550, 0.3566, 0.3813

Deuteranopia

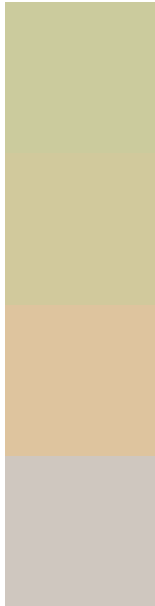
57.5261, 0.3738, 0.3663



Tritanopia

57.8846, 0.3127, 0.3117

Trichromacy



Original Color

57.8427, 0.3466, 0.3850

Protanomaly

57.7289, 0.3529, 0.3831

Deuteranomaly

57.4781, 0.3639, 0.3732

Tritanomaly

57.8738, 0.3250, 0.3385

Monochromacy



Original Color

57.8427, 0.3466, 0.3850

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.0068, 0.3252, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8427, 0.3466, 0.3850 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(203, 203, 157)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 157)  
}
```

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(203, 203, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 157) }
```

Border

The CSS property to change the border of an element to Yxy 57.8427, 0.3466, 0.3850 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(203, 203, 157) }
```

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

```
.border{ border-color:rgb(203, 203, 157) }
```

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

Here you see how a box with a 4 pixel rgb(203, 203, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 157);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8427, 0.3466, 0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 157) }
```

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

```
.background{ background-color: rgb(203,  
203, 157) }
```

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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