

Converting Colors

$Yxy(58.1330, 0.3413, 0.4013)$

Have a look what the booklet for
Yxy(58.1330, 0.3413, 0.4013)
contains.

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Color

Yxy(57.9040, 0.3409, 0.4003)

Conversions

Conversions Part 1

Format	Color
Hex	BFCF96
RGB	191, 207, 150
RGB Percent	75%, 81%, 59%
CMY	0.2508, 0.1883, 0.4117
CMYK	0.08, 0.00, 0.28, 0.19
HSL	77°, 37%, 70%
HSV	77°, 28%, 81%
XYZ	49.3117, 57.9040, 37.4358
YIQ	195.7180, 8.7610, -21.1190

Conversions

Conversions Part 2

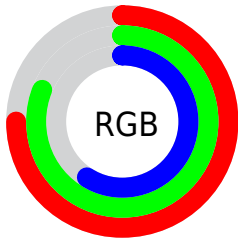
Format	Color
RYB	150, 207, 166
Decimal	12570518
CIELab	80.69, -14.98, 26.59
CIELCh	81, 30.518, 119.399
Yxy	57.9040, 0.3409, 0.4003
Android (android.graphics.Color)	4290760598 (0xFFBFCF96)
YUV	195.7180, -22.5390, -4.1377
Hunter-Lab	76.0947, -17.4922, 24.0978

Details

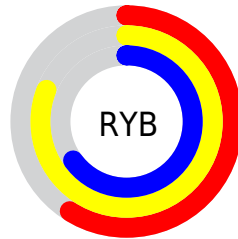
The Yxy color **57.9040, 0.3409, 0.4003** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.4243, 0.2786, 0.2531**, and the grayscale version is **55.1630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8842, 0.3377, 0.3788**, and **29.0017, 0.3467, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **56.5607, 0.3505, 0.4276**, and if you desaturate by 10%, it is **59.4000, 0.3307, 0.3734**.

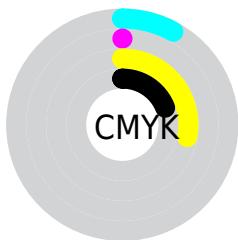
Distribution



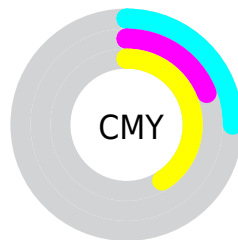
- Red (75%)
- Green (81%)
- Blue (59%)



- Red (59%)
- Yellow (81%)
- Blue (65%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)





- Cyan (25%)
- Magenta (19%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9040, 0.3409, 0.4003 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 57.9040, 0.3409, 0.4003 by changing the saturation by 10% instead.


 57.9040, 0.3409,
0.4003

 57.9040, 0.3409,
0.4003


416.8281, 0.3280,
0.3651

 41.7315, 0.3437,
0.4089


 101.7830, 0.3365,
0.3876

 28.8911, 0.3472,
0.4198

 130.2584, 0.3347,
0.3828

 18.9984, 0.3513,
0.4340


163.6034, 0.3332,
0.3788

 11.6692, 0.3563,
0.4533

202.2025, 0.3319,
0.3753

 6.5188, 0.3622,
0.4806

246.4402, 0.3308,
0.3722

 3.1630, 0.3700,
0.5247

296.7007, 0.3297,

 1.2174, 0.3839,

0.3696

0.6161

353.3686, 0.3288,
0.3672

0.0759, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.9040, 0.3409,
0.4003

57.9040, 0.3409,
0.4003

56.5607, 0.3505,
0.4276

59.4000, 0.3307,
0.3734

55.3558, 0.3590,
0.4543

61.0470, 0.3204,
0.3475

54.2847, 0.3660,
0.4794

62.8534, 0.3102,
0.3231

53.3398, 0.3709,
0.5016

64.8244, 0.3004,
0.3006

■ 52.5120, 0.3734,
0.5198

■ 66.9652, 0.2911,
0.2799

■ 51.7911, 0.3734,
0.5334

■ 67.9810, 0.2942,
0.2791

■ 51.1628, 0.3710,
0.5423

■ 68.9328, 0.2982,
0.2797

■ 51.0160, 0.3703,
0.5442

■ 69.9166, 0.3023,
0.2803

■ 70.9326, 0.3064,
0.2809

Harmonies

Analogous

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



57.9040, 0.3741, 0.3927



57.9040, 0.3409, 0.4003



57.9040, 0.3014, 0.3855

Triad

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



57.9040, 0.3409, 0.4003



57.9040, 0.2398, 0.2827



57.9040, 0.3593, 0.3058

Complementary

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



57.9040, 0.3409, 0.4003



34.4243, 0.2786, 0.2531

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.



57.9040, 0.3203, 0.2806



57.9040, 0.3409, 0.4003



57.9040, 0.2528, 0.2666

Square

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



57.9040, 0.3409, 0.4003



57.9040, 0.2445, 0.3135



57.9040, 0.2815, 0.2664



57.9040, 0.3859, 0.3373

Rectangle

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



57.9040, 0.3409, 0.4003



57.9040, 0.2770, 0.3647



57.9040, 0.2815, 0.2664



57.9040, 0.3471, 0.2964

Sweetspot

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



57.9066, 0.3409, 0.4003



97.6878, 0.3210, 0.3489



42.4518, 0.3670, 0.3483



20.8202, 0.3226, 0.3528



0.0000, 0.0000, 0.0000



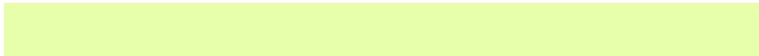
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9066, 0.3409, 0.4003



91.5168, 0.3466, 0.4163



54.6440, 0.3189, 0.4055



13.6244, 0.3223, 0.3523



32.1941, 0.3710, 0.5436



1.8388, 0.3802, 0.5363

Inverse Universe

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



34.4243, 0.2786, 0.2531



47.8129, 0.2697, 0.2347



37.7505, 0.3036, 0.2584



11.5756, 0.3025, 0.3053



3.4455, 0.1684, 0.0701



0.2328, 0.1884, 0.0811

Previews

White Background



This preview shows how the Yxy color 57.9040, 0.3409, 0.4003 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 57.9040, 0.3409, 0.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

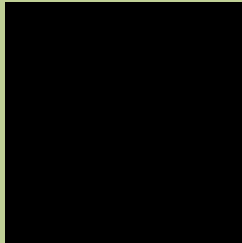
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9040, 0.3409, 0.4003

Background



This preview shows how black text looks on a background with the Yxy color 57.9040, 0.3409, 0.4003.



This preview shows how white text looks on a background with the Yxy color 57.9040, 0.3409, 0.4003.

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

57.9040, 0.3409, 0.4003

Protanopia

57.8622, 0.3651, 0.3917

Deuteranopia

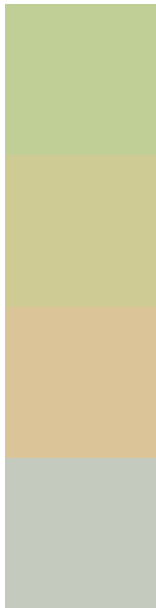
57.6613, 0.3805, 0.3728



Tritanopia

57.9812, 0.3028, 0.3114

Trichromacy



Original Color

57.9040, 0.3409, 0.4003

Protanomaly

57.9718, 0.3558, 0.3955

Deuteranomaly

57.2596, 0.3657, 0.3818

Tritanomaly

57.8730, 0.3168, 0.3423

Monochromacy



Original Color

57.9040, 0.3409, 0.4003

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0326, 0.3233, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9040, 0.3409, 0.4003 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(191, 207, 150)` looks like.

```
.text, #text, p{  
    color:rgb(191, 207, 150)  
}
```

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(191, 207, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 207, 150) }
```

Border

The CSS property to change the border of an element to Yxy 57.9040, 0.3409, 0.4003 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(191, 207, 150) }
```

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

```
.border{ border-color:rgb(191, 207, 150) }
```

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

Here you see how a box with a 4 pixel rgb(191, 207, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 207, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 207, 150);  
box-shadow:4px 4px 4px 4px rgb(191, 207,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9040, 0.3409, 0.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 207, 150) }
```

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

```
.background{ background-color: rgb(191,  
207, 150) }
```

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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