

Converting Colors

Yxy(57.1432, 0.3550, 0.4079)

Have a look what the booklet for
Yxy(57.1432, 0.3550, 0.4079)
contains.

Yxy(57.0849, 0.3546, 0.4080)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.0849, 0.3546, 0.4080)

Conversions

Conversions Part 1

Format	Color
Hex	C6CC8C
RGB	198, 204, 140
RGB Percent	78%, 80%, 55%
CMY	0.2236, 0.2000, 0.4510
CMYK	0.03, 0.00, 0.31, 0.20
HSL	66°, 39%, 67%
HSV	66°, 31%, 80%
XYZ	49.6135, 57.0849, 33.2156
YIQ	194.9100, 16.9680, -21.1760

Conversions

Conversions Part 2

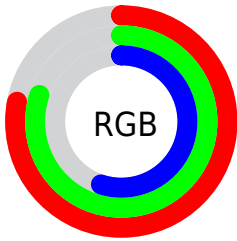
Format	Color
RYB	140, 204, 146
Decimal	13028492
CIELab	80.23, -12.19, 31.27
CIELCh	80, 33.566, 111.292
Yxy	57.0849, 0.3546, 0.4080
Android (android.graphics.Color)	4291218572 (0xFFC6CC8C)
YUV	194.9100, -27.0706, 2.7099
Hunter-Lab	75.5545, -15.0070, 26.8229

Details

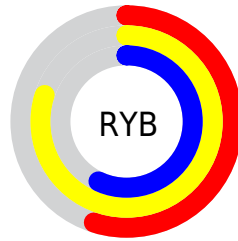
The Yxy color **57.0849, 0.3546, 0.4080** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.2305, 0.2625, 0.2387**, and the grayscale version is **54.6742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **28.3736, 0.3638, 0.4294** is the 20% darker color. If you saturate the color by 10%, you get **56.2814, 0.3672, 0.4329**, and if you desaturate by 10%, it is **58.0084, 0.3413, 0.3824**.

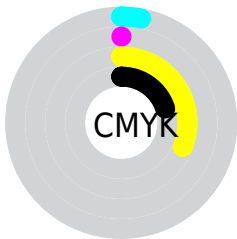
Distribution



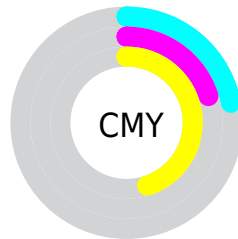
- Red (78%)
- Green (80%)
- Blue (55%)



- Red (55%)
- Yellow (80%)
- Blue (57%)



- Cyan (3%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)





- Cyan (22%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0849, 0.3546, 0.4080 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 57.0849, 0.3546, 0.4080 by changing the saturation by 10% instead.


 57.0849, 0.3546,
0.4080

 57.0849, 0.3546,
0.4080

413.7674, 0.3352,
0.3692

 41.0734, 0.3589,
0.4173


 100.5891, 0.3479,
0.3941

 28.3764, 0.3641,
0.4291


 128.8505, 0.3453,
0.3889

 18.6096, 0.3705,
0.4443


 161.9641, 0.3430,
0.3844

 11.3885, 0.3782,
0.4646

200.3141, 0.3411,
0.3805

 6.3288, 0.3873,
0.4924

244.2851, 0.3393,
0.3771

 3.0460, 0.4076,
0.5472

294.2614, 0.3378,

 1.1558, 0.4025,

0.3742

0.5975

350.6273, 0.3364,
0.3715

■ 0.0252, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0849, 0.3546,
0.4080

■ 57.0849, 0.3546,
0.4080

■ 56.2814, 0.3672,
0.4329

■ 58.0084, 0.3413,
0.3824

■ 55.5840, 0.3786,
0.4561

■ 59.0500, 0.3278,
0.3570

■ 54.9885, 0.3882,
0.4765

■ 60.2174, 0.3145,
0.3323

■ 54.4873, 0.3955,
0.4934

■ 61.5158, 0.3017,
0.3089

■ 54.0717, 0.4003,
0.5060

■ 62.9498, 0.2897,
0.2871

■ 53.7315, 0.4025,
0.5141

■ 64.0374, 0.2829,
0.2741

■ 53.4824, 0.4028,
0.5184

■ 64.3197, 0.2842,
0.2743

■ 64.6054, 0.2855,
0.2745

■ 64.8945, 0.2868,
0.2747

Harmonies

Analogous

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



57.0849, 0.3876, 0.3932



57.0849, 0.3546, 0.4080



57.0849, 0.3117, 0.3989

Triad

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



57.0849, 0.3546, 0.4080



57.0849, 0.2321, 0.2854



57.0849, 0.3533, 0.2950

Complementary

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



57.0849, 0.3546, 0.4080



29.2305, 0.2625, 0.2387

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.



57.0849, 0.3088, 0.2704



57.0849, 0.3546, 0.4080



57.0849, 0.2412, 0.2633

Square

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



57.0849, 0.3546, 0.4080



57.0849, 0.2425, 0.3228



57.0849, 0.2683, 0.2588



57.0849, 0.3878, 0.3281

Rectangle

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



57.0849, 0.3546, 0.4080



57.0849, 0.2836, 0.3790



57.0849, 0.2683, 0.2588



57.0849, 0.3388, 0.2856

Sweetspot

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



57.0875, 0.3546, 0.4080



98.2021, 0.3248, 0.3513



35.0864, 0.3814, 0.3361



20.9606, 0.3267, 0.3550



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.



57.0875, 0.3546, 0.4080



93.5651, 0.3637, 0.4258



53.2628, 0.3288, 0.4151



13.0410, 0.3251, 0.3520



33.6816, 0.4031, 0.5182



1.7536, 0.4064, 0.5155

Inverse Universe

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



29.2305, 0.2625, 0.2387



39.9462, 0.2487, 0.2146



32.5046, 0.2908, 0.2456



10.8936, 0.2997, 0.3051



2.8505, 0.1535, 0.0619



0.1648, 0.1642, 0.0678

Previews

White Background



This preview shows how the Yxy color 57.0849, 0.3546, 0.4080 looks on a white background.

Color Contrast Check

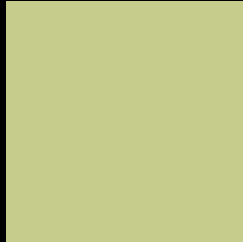
Large Text (above 18pt) WCAG AA × Fail

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 57.0849, 0.3546, 0.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

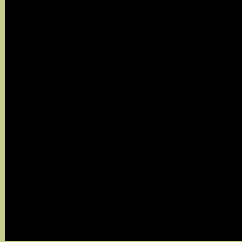
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0849, 0.3546, 0.4080

Background



This preview shows how black text looks on a background with the Yxy color 57.0849, 0.3546, 0.4080.



This preview shows how white text looks on a background with the Yxy color 57.0849, 0.3546, 0.4080.

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

57.0849, 0.3546, 0.4080

Protanopia

57.1289, 0.3723, 0.4011

Deuteranopia

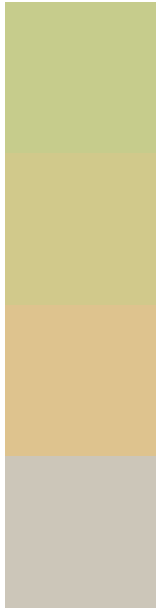
56.6429, 0.3904, 0.3815



Tritanopia

56.9488, 0.3112, 0.3115

Trichromacy



Original Color

57.0849, 0.3546, 0.4080

Protanomaly

57.1927, 0.3657, 0.4034

Deuteranomaly

56.5128, 0.3769, 0.3907

Tritanomaly

56.7283, 0.3272, 0.3447

Monochromacy



Original Color

57.0849, 0.3546, 0.4080

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2191, 0.3282, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0849, 0.3546, 0.4080 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(198, 204, 140)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 140)  
}
```

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(198, 204, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 140) }
```

Border

The CSS property to change the border of an element to Yxy 57.0849, 0.3546, 0.4080 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(198, 204, 140) }
```

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

```
.border{ border-color:rgb(198, 204, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 140);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0849, 0.3546, 0.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 140) }
```

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

```
.background{ background-color: rgb(198,  
204, 140) }
```

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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