

Converting Colors

Yxy(57.6818, 0.3557, 0.4038)

Have a look what the booklet for
Yxy(57.6818, 0.3557, 0.4038)
contains.

Yxy(57.7255, 0.3558, 0.4035)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.7255, 0.3558, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	CACC8F
RGB	202, 204, 143
RGB Percent	79%, 80%, 56%
CMY	0.2079, 0.1999, 0.4393
CMYK	0.01, 0.00, 0.30, 0.20
HSL	62°, 37%, 68%
HSV	62°, 30%, 80%
XYZ	50.9014, 57.7255, 34.4350
YIQ	196.4480, 18.3890, -19.3950

Conversions

Conversions Part 2

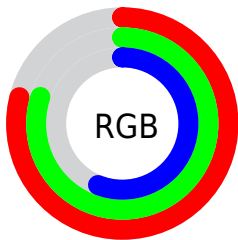
Format	Color
RYB	143, 204, 145
Decimal	13290639
CIELab	80.59, -10.28, 30.26
CIELCh	81, 31.963, 108.761
Yxy	57.7255, 0.3558, 0.4035
Android (android.graphics.Color)	4291480719 (0xFFCACC8F)
YUV	196.4480, -26.3499, 4.8691
Hunter-Lab	75.9773, -13.3731, 26.3122

Details

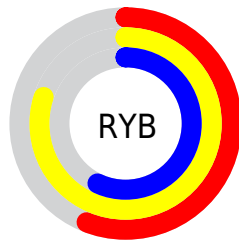
The Yxy color **57.7255, 0.3558, 0.4035** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0184, 0.2620, 0.2428**, and the grayscale version is **55.6364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **28.7884, 0.3656, 0.4232** is the 20% darker color. If you saturate the color by 10%, you get **57.0703, 0.3697, 0.4278**, and if you desaturate by 10%, it is **58.4988, 0.3413, 0.3784**.

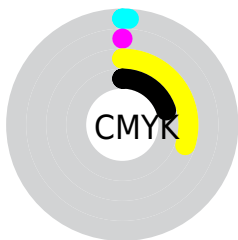
Distribution



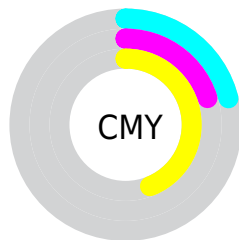
- Red (79%)
- Green (80%)
- Blue (56%)



- Red (56%)
- Yellow (80%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (20%)





- Cyan (21%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7255, 0.3558, 0.4035 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 57.7255, 0.3558, 0.4035 by changing the saturation by 10% instead.

 57.7255, 0.3558,
0.4035


 57.7255, 0.3558,
0.4035


416.1623, 0.3357,
0.3671

 41.5880, 0.3603,
0.4122

 101.5230, 0.3489,
0.3905

 28.7788, 0.3658,
0.4232

 129.9518, 0.3462,
0.3856

 18.9136, 0.3726,
0.4373


163.2465, 0.3438,
0.3814

 11.6078, 0.3809,
0.4561

201.7915, 0.3418,
0.3777

 6.4772, 0.3912,
0.4818

245.9712, 0.3400,
0.3746

 3.1374, 0.4102,
0.5283

296.1700, 0.3384,

 1.2039, 0.4176,

0.3718

0.5824

352.7722, 0.3370,
0.3693

0.0649, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7255, 0.3558,
0.4035

57.7255, 0.3558,
0.4035

57.0703, 0.3697,
0.4278

58.4988, 0.3413,
0.3784

56.5192, 0.3824,
0.4503

59.3879, 0.3268,
0.3532

56.0683, 0.3933,
0.4701

60.4008, 0.3126,
0.3288

55.7099, 0.4021,
0.4862

61.5424, 0.2990,
0.3056

■ 55.4358, 0.4083,
0.4982

■ 62.8174, 0.2863,
0.2838

■ 55.2357, 0.4120,
0.5058

■ 63.5433, 0.2806,
0.2738

■ 55.0913, 0.4135,
0.5099

■ 63.6410, 0.2810,
0.2738

■ 55.0902, 0.4135,
0.5099

■ 63.7392, 0.2815,
0.2739

■ 63.8378, 0.2819,
0.2740

Harmonies

Analogous

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



57.7255, 0.3858, 0.3882



57.7255, 0.3558, 0.4035



57.7255, 0.3154, 0.3967

Triad

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



57.7255, 0.3558, 0.4035



57.7255, 0.2361, 0.2903



57.7255, 0.3478, 0.2943

Complementary

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



57.7255, 0.3558, 0.4035



30.0184, 0.2620, 0.2428

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.



57.7255, 0.3055, 0.2716



57.7255, 0.3558, 0.4035



57.7255, 0.2432, 0.2677

Square

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



57.7255, 0.3558, 0.4035



57.7255, 0.2476, 0.3267



57.7255, 0.2677, 0.2618



57.7255, 0.3818, 0.3255

Rectangle

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



57.7255, 0.3558, 0.4035



57.7255, 0.2884, 0.3791



57.7255, 0.2677, 0.2618



57.7255, 0.3340, 0.2856

Sweetspot

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



57.7281, 0.3558, 0.4035



98.4640, 0.3257, 0.3512



35.0754, 0.3783, 0.3318



21.0257, 0.3278, 0.3549



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.



57.7281, 0.3558, 0.4035



94.8548, 0.3650, 0.4196



53.8845, 0.3306, 0.4100



13.0769, 0.3261, 0.3519



34.6775, 0.4136, 0.5098



1.7951, 0.4148, 0.5089

Inverse Universe

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



30.0184, 0.2620, 0.2428



41.6211, 0.2488, 0.2205



33.1729, 0.2892, 0.2490



10.8616, 0.2987, 0.3051



2.7797, 0.1512, 0.0606



0.1498, 0.1552, 0.0628

Previews

White Background



This preview shows how the Yxy color 57.7255, 0.3558, 0.4035 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 57.7255, 0.3558, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

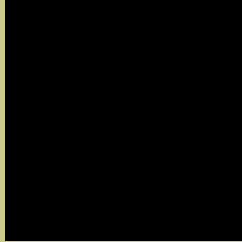
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7255, 0.3558, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 57.7255, 0.3558, 0.4035.



This preview shows how white text looks on a background with the Yxy color 57.7255, 0.3558, 0.4035.

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

57.7255, 0.3558, 0.4035

Protanopia

57.8306, 0.3705, 0.3985

Deuteranopia

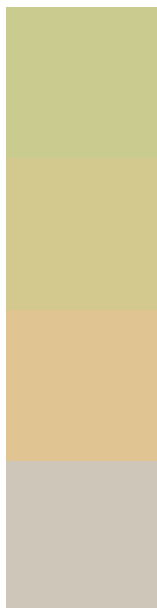
57.3415, 0.3884, 0.3791



Tritanopia

57.4350, 0.3128, 0.3105

Trichromacy



Original Color

57.7255, 0.3558, 0.4035

Protanomaly

57.5752, 0.3652, 0.3994

Deuteranomaly

57.3715, 0.3759, 0.3879

Tritanomaly

57.1987, 0.3289, 0.3433

Monochromacy



Original Color

57.7255, 0.3558, 0.4035

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0269, 0.3282, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7255, 0.3558, 0.4035 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(202, 204, 143)` looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 143)  
}
```

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(202, 204, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 143) }
```

Border

The CSS property to change the border of an element to Yxy 57.7255, 0.3558, 0.4035 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(202, 204, 143) }
```

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

```
.border{ border-color:rgb(202, 204, 143) }
```

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

Here you see how a box with a 4 pixel rgb(202, 204, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 143);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7255, 0.3558, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 143) }
```

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

```
.background{ background-color: rgb(202,  
204, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor