

Converting Colors

Yxy(55.1811, 0.3623, 0.3947)

Have a look what the booklet for
Yxy(55.1811, 0.3623, 0.3947)
contains.

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Color

Yxy(55.1811, 0.3623, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	CFC58F
RGB	207, 197, 143
RGB Percent	81%, 77%, 56%
CMY	0.1883, 0.2274, 0.4392
CMYK	0.00, 0.05, 0.31, 0.19
HSL	51°, 40%, 69%
HSV	51°, 31%, 81%
XYZ	50.6514, 55.1811, 33.9727
YIQ	193.8340, 23.2940, -14.6740

Conversions

Conversions Part 2

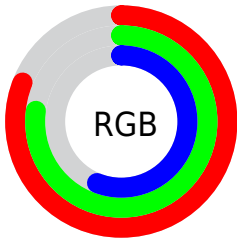
Format	Color
RYB	155, 207, 143
Decimal	13616527
CIELab	79.15, -4.74, 28.39
CIELCh	79, 28.786, 99.472
Yxy	55.1811, 0.3623, 0.3947
Android (android.graphics.Color)	4291806607 (0xFFCFC58F)
YUV	193.8340, -25.0612, 11.5466
Hunter-Lab	74.2840, -8.2846, 24.8834

Details

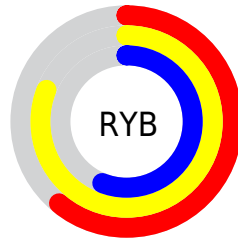
The Yxy color **55.1811, 0.3623, 0.3947** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1183, 0.2599, 0.2534**, and the grayscale version is **53.9861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1748, 0.3474, 0.3851**, and **27.0930, 0.3751, 0.4114** is the 20% darker color. If you saturate the color by 10%, you get **53.1648, 0.3793, 0.4157**, and if you desaturate by 10%, it is **57.3495, 0.3455, 0.3731**.

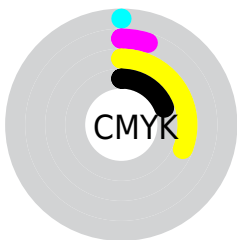
Distribution



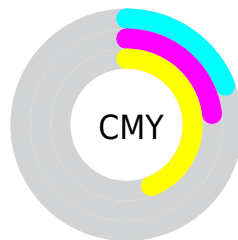
- Red (81%)
- Green (77%)
- Blue (56%)



- Red (61%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (19%)





- Cyan (19%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1811, 0.3623, 0.3947 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 55.1811, 0.3623, 0.3947 by changing the saturation by 10% instead.


 55.1811, 0.3623,
0.3947

 55.1811, 0.3623,
0.3947


406.5980, 0.3386,
0.3627

 39.5467, 0.3678,
0.4023

 97.8062, 0.3540,
0.3833

 27.1853, 0.3746,
0.4119


 125.5658, 0.3508,
0.3790

 17.7125, 0.3831,
0.4242


158.1359, 0.3480,
0.3753

 10.7437, 0.3941,
0.4404

195.9009, 0.3457,
0.3721

 5.8948, 0.4083,
0.4626

239.2452, 0.3436,
0.3693

 2.7812, 0.4364,
0.5050

288.5533, 0.3417,

 1.0186, 0.4539,

0.3668

0.5461

344.2094, 0.3401,
0.3647

0.0000, 0.0000,
0.0000

55.1811, 0.3623,
0.3947

55.1811, 0.3623,
0.3947

53.1648, 0.3793,
0.4157

57.3495, 0.3455,
0.3731

51.2864, 0.3958,
0.4352

59.6685, 0.3293,
0.3516

49.5413, 0.4112,
0.4522

62.1462, 0.3140,
0.3308

47.9215, 0.4249,
0.4658

64.7881, 0.2999,
0.3111

46.4178, 0.4361,
0.4751

67.5992, 0.2868,
0.2926

■ 45.0196, 0.4444,
0.4799

■ 69.7735, 0.2820,
0.2875

■ 43.8215, 0.4500,
0.4809

■ 71.4448, 0.2822,
0.2911

■ 73.1487, 0.2824,
0.2946

■ 74.8853, 0.2826,
0.2981

Harmonies

Analogous

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



55.1811, 0.3847, 0.3763



55.1811, 0.3623, 0.3947



55.1811, 0.3273, 0.3949

Triad

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



55.1811, 0.3623, 0.3947



55.1811, 0.2437, 0.3031



55.1811, 0.3332, 0.2896

Complementary

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



55.1811, 0.3623, 0.3947



33.1183, 0.2599, 0.2534

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.



55.1811, 0.2946, 0.2719



55.1811, 0.3623, 0.3947



55.1811, 0.2450, 0.2777

Square

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



55.1811, 0.3623, 0.3947



55.1811, 0.2596, 0.3387



55.1811, 0.2629, 0.2673



55.1811, 0.3678, 0.3165

Rectangle

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



55.1811, 0.3623, 0.3947



55.1811, 0.3019, 0.3830



55.1811, 0.2629, 0.2673



55.1811, 0.3202, 0.2825

Sweetspot

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



55.1836, 0.3623, 0.3947



96.3500, 0.3265, 0.3478



35.2328, 0.3704, 0.3156



20.5009, 0.3288, 0.3509



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.



55.1836, 0.3623, 0.3947



86.3223, 0.3734, 0.4086



56.9919, 0.3414, 0.4103



13.4709, 0.3270, 0.3485



27.7312, 0.4495, 0.4813



1.6371, 0.4431, 0.4864

Inverse Universe

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



33.1183, 0.2599, 0.2534



45.5541, 0.2472, 0.2342



32.0807, 0.2766, 0.2434



11.7107, 0.2982, 0.3088



3.5864, 0.1539, 0.0739



0.2966, 0.1620, 0.1032

Previews

White Background



This preview shows how the Yxy color 55.1811, 0.3623, 0.3947 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 55.1811, 0.3623, 0.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

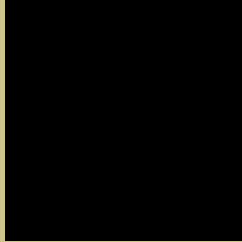
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1811, 0.3623, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 55.1811, 0.3623, 0.3947.



This preview shows how white text looks on a background with the Yxy color 55.1811, 0.3623, 0.3947.

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

55.1811, 0.3623, 0.3947

Protanopia

55.2817, 0.3669, 0.3940

Deuteranopia

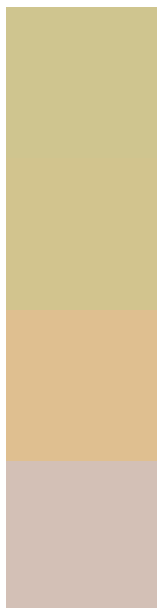
55.1666, 0.3861, 0.3778



Tritanopia

55.0510, 0.3217, 0.3117

Trichromacy



Original Color

55.1811, 0.3623, 0.3947

Protanomaly

55.1345, 0.3661, 0.3942

Deuteranomaly

54.9632, 0.3778, 0.3838

Tritanomaly

54.9256, 0.3362, 0.3410

Monochromacy



Original Color

55.1811, 0.3623, 0.3947

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2675, 0.3311, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1811, 0.3623, 0.3947 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(207, 197, 143)` looks like.

```
.text, #text, p{  
    color:rgb(207, 197, 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(207, 197, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 197, 143) }
```

Border

The CSS property to change the border of an element to Yxy 55.1811, 0.3623, 0.3947 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(207, 197, 143) }
```

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

```
.border{ border-color:rgb(207, 197, 143) }
```

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

Here you see how a box with a 4 pixel rgb(207, 197, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 197, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 197, 143);  
box-shadow:4px 4px 4px 4px rgb(207, 197,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1811, 0.3623, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 197, 143) }
```

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

```
.background{ background-color: rgb(207,  
197, 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](#).

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