

Converting Colors

$Yxy(55.9119, 0.3814, 0.4115)$

Have a look what the booklet for
Yxy(55.9119, 0.3814, 0.4115)
contains.

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Color

Yxy(55.9119, 0.3814, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	D7C57F
RGB	215, 197, 127
RGB Percent	84%, 77%, 50%
CMY	0.1568, 0.2274, 0.5020
CMYK	0.00, 0.08, 0.41, 0.16
HSL	48°, 52%, 67%
HSV	48°, 41%, 84%
XYZ	51.8221, 55.9119, 28.1394
YIQ	194.4020, 33.1980, -17.9540

Conversions

Conversions Part 2

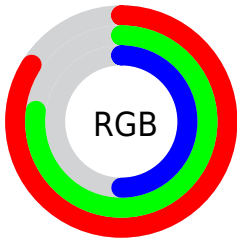
Format	Color
RYB	150, 215, 127
Decimal	14140799
CIELab	79.56, -3.44, 37.37
CIELCh	80, 37.529, 95.260
Yxy	55.9119, 0.3814, 0.4115
Android (android.graphics.Color)	4292330879 (0xFFD7C57F)
YUV	194.4020, -33.2292, 18.0644
Hunter-Lab	74.7743, -7.1460, 30.0297

Details

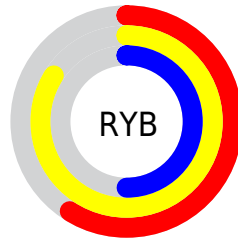
The Yxy color **55.9119, 0.3814, 0.4115** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6697, 0.2411, 0.2297**, and the grayscale version is **54.3871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4798, 0.3570, 0.4009**, and **27.5377, 0.3987, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **53.4443, 0.3991, 0.4302**, and if you desaturate by 10%, it is **58.5626, 0.3635, 0.3914**.

Distribution



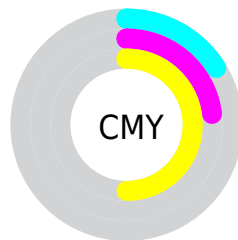
- Red (84%)
- Green (77%)
- Blue (50%)



- Red (59%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9119, 0.3814, 0.4115 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 55.9119, 0.3814, 0.4115 by changing the saturation by 10% instead.

 55.9119, 0.3814,
0.4115


 55.9119, 0.3814,
0.4115


409.3594, 0.3490,
0.3720


 40.1323, 0.3887,
0.4206


 98.8758, 0.3702,
0.3976

 27.6417, 0.3976,
0.4319


 126.8288, 0.3658,
0.3923

 18.0557, 0.4085,
0.4459


 159.6084, 0.3620,
0.3877

 10.9900, 0.4219,
0.4636

197.5991, 0.3587,
0.3837

 6.0601, 0.4379,
0.4858

241.1851, 0.3559,
0.3802

 2.8817, 0.4703,
0.5297

290.7509, 0.3533,

 1.0703, 0.4636,

0.3771

0.5364

346.6809, 0.3510,
0.3744

0.0000, 0.0000,
0.0000

55.9119, 0.3814,
0.4115

55.9119, 0.3814,
0.4115

53.4443, 0.3991,
0.4302

58.5626, 0.3635,
0.3914

51.1437, 0.4160,
0.4465

61.3961, 0.3461,
0.3708

49.0039, 0.4313,
0.4594

64.4218, 0.3296,
0.3505

47.0143, 0.4442,
0.4680

67.6464, 0.3141,
0.3308

45.1630, 0.4543,
0.4719

71.0758, 0.2999,
0.3122

■ 43.5843, 0.4612,
0.4720

■ 74.6512, 0.2875,
0.2958

■ 77.0371, 0.2877,
0.3005

■ 79.4846, 0.2879,
0.3052

■ 81.9940, 0.2881,
0.3098

Harmonies

Analogous

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



55.9119, 0.4080, 0.3836



55.9119, 0.3814, 0.4115



55.9119, 0.3374, 0.4174

Triad

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



55.9119, 0.3814, 0.4115



55.9119, 0.2263, 0.3002



55.9119, 0.3317, 0.2749

Complementary

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



55.9119, 0.3814, 0.4115



29.6697, 0.2411, 0.2297

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.



55.9119, 0.2824, 0.2548



55.9119, 0.3814, 0.4115



55.9119, 0.2250, 0.2660

Square

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



55.9119, 0.3814, 0.4115



55.9119, 0.2487, 0.3481



55.9119, 0.2445, 0.2509



55.9119, 0.3789, 0.3072

Rectangle

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



55.9119, 0.3814, 0.4115



55.9119, 0.3047, 0.4048



55.9119, 0.2445, 0.2509



55.9119, 0.3147, 0.2666

Sweetspot

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



55.9145, 0.3814, 0.4115



94.2551, 0.3315, 0.3528



31.7043, 0.3935, 0.3057



20.0462, 0.3336, 0.3555



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.



55.9145, 0.3814, 0.4115



79.1577, 0.3966, 0.4276



61.0911, 0.3534, 0.4372



14.0685, 0.3271, 0.3474



26.2230, 0.4605, 0.4726



1.6931, 0.4521, 0.4793

Inverse Universe

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



29.6697, 0.2411, 0.2297



35.6147, 0.2245, 0.2045



26.7549, 0.2577, 0.2102



12.4160, 0.2982, 0.3099



4.1333, 0.1559, 0.0812



0.3695, 0.1647, 0.1130

Previews

White Background



This preview shows how the Yxy color 55.9119, 0.3814, 0.4115 looks on a white background.

Color Contrast Check

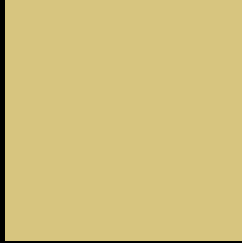
Large Text (above 18pt) WCAG AA × Fail

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 55.9119, 0.3814, 0.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

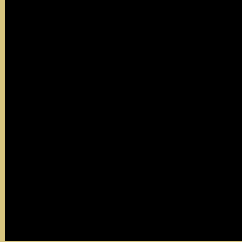
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9119, 0.3814, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 55.9119, 0.3814, 0.4115.



This preview shows how white text looks on a background with the Yxy color 55.9119, 0.3814, 0.4115.

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

55.9119, 0.3814, 0.4115

Protanopia

55.9119, 0.3814, 0.4115

Deuteranopia

55.9847, 0.4030, 0.3953



Tritanopia

55.9187, 0.3309, 0.3132

Trichromacy



Original Color

55.9119, 0.3814, 0.4115

Protanomaly

55.9119, 0.3814, 0.4115

Deuteranomaly

55.9158, 0.3953, 0.4014

Tritanomaly

55.5724, 0.3497, 0.3478

Monochromacy



Original Color

55.9119, 0.3814, 0.4115

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4890, 0.3375, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9119, 0.3814, 0.4115 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(215, 197, 127)` looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 127)  
}
```

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(215, 197, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 127) }
```

Border

The CSS property to change the border of an element to Yxy 55.9119, 0.3814, 0.4115 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(215, 197, 127) }
```

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

```
.border{ border-color:rgb(215, 197, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 197, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 197, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 197, 127);  
box-shadow:4px 4px 4px 4px rgb(215, 197,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9119, 0.3814, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 127) }
```

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

```
.background{ background-color: rgb(215,  
197, 127) }
```

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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