

Converting Colors

Yxy(51.9391, 0.3832, 0.3363)

Have a look what the booklet for
Yxy(51.9391, 0.3832, 0.3363)
contains.

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Color

Yxy(51.9103, 0.3831, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	F4ADA7
RGB	244, 173, 167
RGB Percent	96%, 68%, 65%
CMY	0.0432, 0.3215, 0.3451
CMYK	0.00, 0.29, 0.32, 0.04
HSL	5°, 78%, 81%
HSV	5°, 32%, 96%
XYZ	59.2223, 51.9103, 43.4544
YIQ	193.5450, 44.2420, 13.1860

Conversions

Conversions Part 2

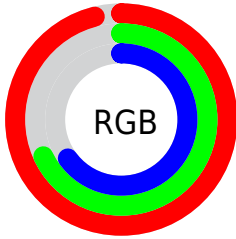
Format	Color
R _Y B	244, 174, 167
Decimal	16035239
CIE Lab	77.23, 25.22, 13.49
CIE LCh	77, 28.596, 28.141
Yxy	51.9103, 0.3831, 0.3358
Android (android.graphics.Color)	4294225319 (0xFFF4ADA7)
YUV	193.5450, -13.0867, 44.2490
Hunter-Lab	72.0488, 20.6370, 14.6749

Details

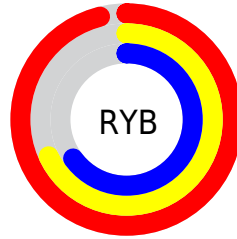
The Yxy color **51.9103, 0.3831, 0.3358** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.8740, 0.2667, 0.3220**, and the grayscale version is **53.7261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5725, 0.3355, 0.3360**, and **25.1098, 0.4027, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **43.1814, 0.4166, 0.3380**, and if you desaturate by 10%, it is **62.2662, 0.3556, 0.3335**.

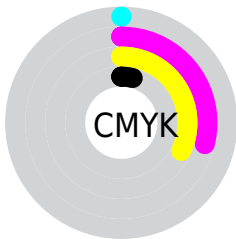
Distribution



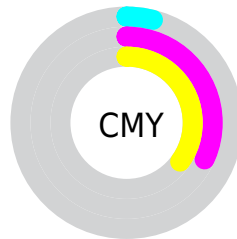
- Red (96%)
- Green (68%)
- Blue (65%)



- Red (96%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (29%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9103, 0.3831, 0.3358 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 51.9103, 0.3831, 0.3358 by changing the saturation by 10% instead.


 51.9103, 0.3831,
0.3358


 51.9103, 0.3831,
0.3358


394.0902, 0.3482,
0.3334

 36.9336, 0.3917,
0.3361


 92.9989, 0.3705,
0.3351

 25.1561, 0.4026,
0.3364

 119.8796, 0.3657,
0.3348

 16.1934, 0.4170,
0.3365


151.4971, 0.3617,
0.3345

 9.6611, 0.4368,
0.3361

188.2358, 0.3582,
0.3343

 5.1748, 0.4653,
0.3345

230.4801, 0.3552,
0.3340

 2.3502, 0.5098,
0.3297

278.6143, 0.3526,

 0.8001, 0.6517,

0.3338

0.3483

333.0229, 0.3503,
0.3336

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9103, 0.3831,
0.3358

51.9103, 0.3831,
0.3358

43.1814, 0.4166,
0.3380

62.2662, 0.3556,
0.3335

35.9899, 0.4562,
0.3398

74.3181, 0.3332,
0.3313

30.2488, 0.5007,
0.3410

88.1400, 0.3152,
0.3293

25.8593, 0.5470,
0.3409

97.9703, 0.3060,
0.3290

■ 22.7105, 0.5891,
0.3394

■ 20.6737, 0.6203,
0.3363

■ 19.6986, 0.6356,
0.3335

Harmonies

Analogous

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



51.9103, 0.3566, 0.3053



51.9103, 0.3831, 0.3358



51.9103, 0.3892, 0.3666

Triad

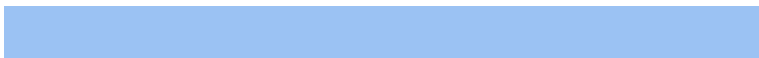
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.9103, 0.3831, 0.3358



51.9103, 0.3034, 0.3849



51.9103, 0.2535, 0.2686

Complementary

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



51.9103, 0.3831, 0.3358



75.8740, 0.2667, 0.3220

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.



51.9103, 0.2415, 0.2851



51.9103, 0.3831, 0.3358



51.9103, 0.2690, 0.3531

Square

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



51.9103, 0.3831, 0.3358



51.9103, 0.3417, 0.3983



51.9103, 0.2469, 0.3155



51.9103, 0.2809, 0.2677

Rectangle

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



51.9103, 0.3831, 0.3358



51.9103, 0.3809, 0.3837



51.9103, 0.2469, 0.3155



51.9103, 0.2477, 0.2724

Sweetspot

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



51.9128, 0.3831, 0.3358



85.8461, 0.3283, 0.3308



53.0890, 0.3205, 0.2552



17.9175, 0.3311, 0.3311



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.



51.9128, 0.3831, 0.3358



50.8870, 0.4043, 0.3373



68.4211, 0.3705, 0.3757



16.6905, 0.3292, 0.3309



10.7871, 0.6343, 0.3346



1.0187, 0.6210, 0.3451

Inverse Universe

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



75.8740, 0.2667, 0.3220



81.2801, 0.2584, 0.3204



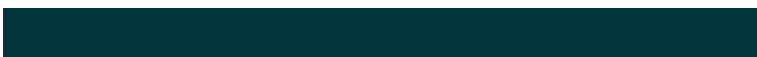
56.2197, 0.2613, 0.2771



18.5230, 0.2981, 0.3271



32.9028, 0.2179, 0.3044



2.9565, 0.2188, 0.3077

Previews

White Background



This preview shows how the Yxy color 51.9103, 0.3831, 0.3358 looks on a white background.

Color Contrast Check

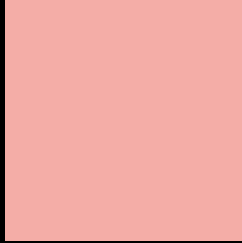
Large Text (above 18pt) WCAG AA × Fail

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 51.9103, 0.3831, 0.3358 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 51.9103, 0.3831, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 51.9103, 0.3831, 0.3358.



This preview shows how white text looks on a background with the Yxy color 51.9103, 0.3831, 0.3358.

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

51.9103, 0.3831, 0.3358

Protanopia

51.9673, 0.3303, 0.3464

Deuteranopia

52.0577, 0.3590, 0.3516



Tritanopia

52.1375, 0.3706, 0.3162

Trichromacy



Original Color

51.9103, 0.3831, 0.3358

Protanomaly

51.7452, 0.3486, 0.3422

Deuteranomaly

51.8897, 0.3673, 0.3453

Tritanomaly

52.0918, 0.3750, 0.3237

Monochromacy



Original Color

51.9103, 0.3831, 0.3358

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.5756, 0.3364, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9103, 0.3831, 0.3358 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(244, 173, 167)` looks like.

```
.text, #text, p{  
    color:rgb(244, 173, 167)  
}
```

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(244, 173, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 173, 167) }
```

Border

The CSS property to change the border of an element to Yxy 51.9103, 0.3831, 0.3358 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(244, 173, 167) }
```

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

```
.border{ border-color:rgb(244, 173, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 173, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 173, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 173, 167);  
box-shadow:4px 4px 4px 4px rgb(244, 173,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9103, 0.3831, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 173, 167) }
```

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

```
.background{ background-color: rgb(244,  
173, 167) }
```

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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