

Converting Colors

$Yxy(57.6251, 0.3827, 0.3413)$

Have a look what the booklet for
Yxy(57.6251, 0.3827, 0.3413)
contains.

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Color

Yxy(57.5410, 0.3823, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	FCB7AC
RGB	252, 183, 172
RGB Percent	99%, 72%, 67%
CMY	0.0117, 0.2824, 0.3256
CMYK	0.00, 0.27, 0.32, 0.01
HSL	8°, 93%, 83%
HSV	8°, 32%, 99%
XYZ	64.5290, 57.5410, 46.7215
YIQ	202.3770, 44.6550, 11.2070

Conversions

Conversions Part 2

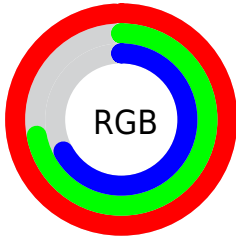
Format	Color
R _Y B	252, 185, 172
Decimal	16562092
CIE Lab	80.48, 23.57, 15.50
CIE LCh	80, 28.213, 33.322
Yxy	57.5410, 0.3823, 0.3409
Android (android.graphics.Color)	4294752172 (0xFFFCB7AC)
YUV	202.3770, -14.9759, 43.5194
Hunter-Lab	75.8558, 19.0987, 16.5809

Details

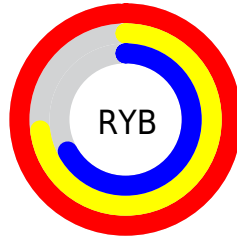
The Yxy color **57.5410, 0.3823, 0.3409** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7077, 0.2657, 0.3166**, and the grayscale version is **59.3861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5391, 0.3310, 0.3409**, and **28.7907, 0.4004, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **48.3824, 0.4146, 0.3447**, and if you desaturate by 10%, it is **68.2727, 0.3555, 0.3370**.

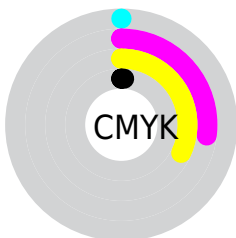
Distribution



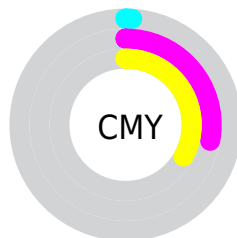
- Red (99%)
- Green (72%)
- Blue (67%)



- Red (99%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (1%)





- Cyan (1%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5410, 0.3823, 0.3409 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 57.5410, 0.3823, 0.3409 by changing the saturation by 10% instead.


 57.5410, 0.3823,
0.3409

 57.5410, 0.3823,
0.3409


415.4734, 0.3484,
0.3361

 41.4398, 0.3905,
0.3418

 101.2541, 0.3702,
0.3394

 28.6629, 0.4008,
0.3428


129.6348, 0.3656,
0.3388

 18.8259, 0.4142,
0.3438


162.8775, 0.3617,
0.3382

 11.5446, 0.4323,
0.3447

201.3664, 0.3583,
0.3377

 6.4344, 0.4578,
0.3450

245.4861, 0.3553,
0.3372

 3.1110, 0.4964,
0.3435

295.6209, 0.3527,

 1.1899, 0.5918,

0.3368

352.1552, 0.3504,
0.3364

0.3545

0.0535, 0.9214,
0.0786

0.0000, 0.0000,
0.0000

57.5410, 0.3823,
0.3409

57.5410, 0.3823,
0.3409

48.3824, 0.4146,
0.3447

68.2727, 0.3555,
0.3370

40.7150, 0.4525,
0.3480

80.6381, 0.3335,
0.3332

34.4619, 0.4951,
0.3501

94.7047, 0.3155,
0.3296

29.5358, 0.5395,
0.3503

99.4398, 0.3109,
0.3290

■ 25.8400, 0.5807,
0.3480

■ 23.2638, 0.6127,
0.3431

■ 21.8848, 0.6297,
0.3382

Harmonies

Analogous

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



57.5410, 0.3600, 0.3111



57.5410, 0.3823, 0.3409



57.5410, 0.3845, 0.3697

Triad

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



57.5410, 0.3823, 0.3409



57.5410, 0.2977, 0.3779



57.5410, 0.2597, 0.2701

Complementary

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



57.5410, 0.3823, 0.3409



78.7077, 0.2657, 0.3166

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.



57.5410, 0.2455, 0.2834



57.5410, 0.3823, 0.3409



57.5410, 0.2664, 0.3459

Square

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



57.5410, 0.3823, 0.3409



57.5410, 0.3344, 0.3942



57.5410, 0.2478, 0.3105



57.5410, 0.2882, 0.2717

Rectangle

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



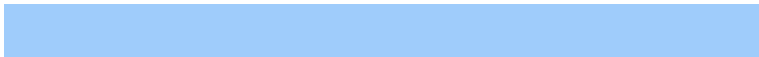
57.5410, 0.3823, 0.3409



57.5410, 0.3744, 0.3847



57.5410, 0.2478, 0.3105



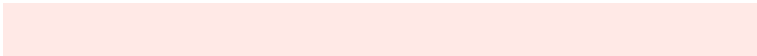
57.5410, 0.2532, 0.2728

Sweetspot

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



57.5437, 0.3823, 0.3409



85.2296, 0.3300, 0.3325



56.5669, 0.3248, 0.2594



17.8289, 0.3328, 0.3330



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.



57.5437, 0.3823, 0.3409



53.0263, 0.4019, 0.3433



76.2777, 0.3695, 0.3814



17.6106, 0.3291, 0.3323



11.5187, 0.6277, 0.3398



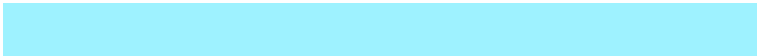
1.1814, 0.6089, 0.3547

Inverse Universe

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



78.7077, 0.2657, 0.3166



77.7984, 0.2575, 0.3139



57.7228, 0.2600, 0.2702



19.1769, 0.2980, 0.3256



29.7535, 0.2124, 0.2847



2.8645, 0.2140, 0.2905

Previews

White Background



This preview shows how the Yxy color 57.5410, 0.3823, 0.3409 looks on a white background.

Color Contrast Check

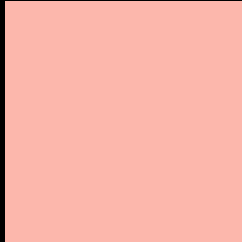
Large Text (above 18pt) WCAG AA × Fail

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 57.5410, 0.3823, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

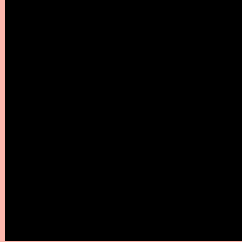
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5410, 0.3823, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 57.5410, 0.3823, 0.3409.



This preview shows how white text looks on a background with the Yxy color 57.5410, 0.3823, 0.3409.

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

57.5410, 0.3823, 0.3409

Protanopia

57.5520, 0.3341, 0.3517

Deuteranopia

57.8652, 0.3619, 0.3552



Tritanopia

57.6084, 0.3654, 0.3145

Trichromacy



Original Color

57.5410, 0.3823, 0.3409

Protanomaly

57.1615, 0.3511, 0.3475

Deuteranomaly

57.5126, 0.3691, 0.3491

Tritanomaly

57.4756, 0.3714, 0.3239

Monochromacy



Original Color

57.5410, 0.3823, 0.3409

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.0074, 0.3361, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5410, 0.3823, 0.3409 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(252, 183, 172)` looks like.

```
.text, #text, p{  
  color:rgb(252, 183, 172)  
}
```

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(252, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 183, 172) }
```

Border

The CSS property to change the border of an element to Yxy 57.5410, 0.3823, 0.3409 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(252, 183, 172) }
```

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

```
.border{ border-color:rgb(252, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(252, 183,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5410, 0.3823, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 183, 172) }
```

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

```
.background{ background-color: rgb(252,  
183, 172) }
```

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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