

Converting Colors

$Yxy(57.5295, 0.3708, 0.3402)$

Have a look what the booklet for
Yxy(57.5295, 0.3708, 0.3402)
contains.

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Color

Yxy(57.4855, 0.3709, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	F4BAB0
RGB	244, 186, 176
RGB Percent	96%, 73%, 69%
CMY	0.0431, 0.2706, 0.3097
CMYK	0.00, 0.24, 0.28, 0.04
HSL	9°, 76%, 82%
HSV	9°, 28%, 96%
XYZ	62.7099, 57.4855, 48.8796
YIQ	202.2020, 37.7780, 9.1860

Conversions

Conversions Part 2

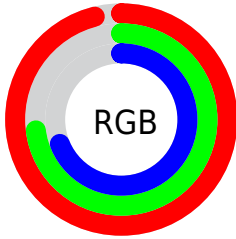
Format	Color
RYB	244, 188, 176
Decimal	16038576
CIELab	80.45, 19.54, 13.16
CIELCh	80, 23.557, 33.955
Yxy	57.4855, 0.3709, 0.3400
Android (android.graphics.Color)	4294228656 (0xFFF4BAB0)
YUV	202.2020, -12.9176, 36.6568
Hunter-Lab	75.8192, 14.9534, 14.8500

Details

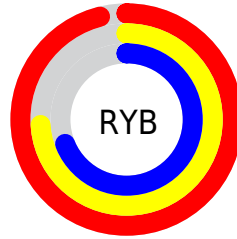
The Yxy color **57.4855, 0.3709, 0.3400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6398, 0.2710, 0.3177**, and the grayscale version is **59.2630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5905, 0.3275, 0.3388**, and **28.7951, 0.3861, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **48.4634, 0.4008, 0.3441**, and if you desaturate by 10%, it is **67.9653, 0.3462, 0.3359**.

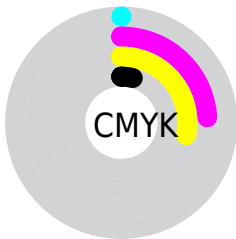
Distribution



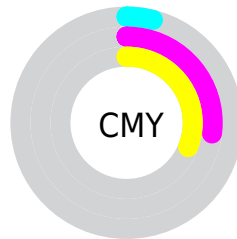
- Red (96%)
- Green (73%)
- Blue (69%)



- Red (96%)
- Yellow (74%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4855, 0.3709, 0.3400 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 57.4855, 0.3709, 0.3400 by changing the saturation by 10% instead.


 57.4855, 0.3709,
0.3400

 57.4855, 0.3709,
0.3400


415.2661, 0.3426,
0.3353

 41.3952, 0.3777,
0.3409


 101.1733, 0.3608,
0.3385

 28.6280, 0.3864,
0.3420


129.5394, 0.3569,
0.3379

 18.7996, 0.3976,
0.3432


162.7664, 0.3536,
0.3373

 11.5255, 0.4128,
0.3445

201.2385, 0.3508,
0.3368

 6.4215, 0.4345,
0.3457

245.3401, 0.3483,
0.3364

 3.1030, 0.4676,
0.3461

295.4556, 0.3462,

 1.1858, 0.5428,

0.3360

0.3553

351.9695, 0.3443,
0.3357

0.0500, 0.9129,
0.0871

0.0000, 0.0000,
0.0000

57.4855, 0.3709,
0.3400

57.4855, 0.3709,
0.3400

48.4634, 0.4008,
0.3441

67.9653, 0.3462,
0.3359

40.8264, 0.4362,
0.3479

79.9549, 0.3260,
0.3319

34.5080, 0.4767,
0.3507

93.5140, 0.3095,
0.3282

29.4330, 0.5204,
0.3519

97.9760, 0.3060,
0.3290

■ 25.5184, 0.5633,
0.3507

■ 22.6708, 0.5996,
0.3467

■ 20.7804, 0.6243,
0.3404

■ 20.4841, 0.6284,
0.3393

Harmonies

Analogous

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



57.4855, 0.3527, 0.3146



57.4855, 0.3709, 0.3400



57.4855, 0.3725, 0.3640

Triad

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



57.4855, 0.3709, 0.3400



57.4855, 0.2998, 0.3689



57.4855, 0.2686, 0.2793

Complementary

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



57.4855, 0.3709, 0.3400



74.6398, 0.2710, 0.3177

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.



57.4855, 0.2561, 0.2906



57.4855, 0.3709, 0.3400



57.4855, 0.2734, 0.3425

Square

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



57.4855, 0.3709, 0.3400



57.4855, 0.3305, 0.3829



57.4855, 0.2578, 0.3134



57.4855, 0.2929, 0.2807

Rectangle

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



57.4855, 0.3709, 0.3400



57.4855, 0.3640, 0.3762



57.4855, 0.2578, 0.3134



57.4855, 0.2629, 0.2817

Sweetspot

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



57.4882, 0.3709, 0.3400



88.1461, 0.3263, 0.3320



56.2936, 0.3230, 0.2681



18.4166, 0.3291, 0.3326



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.



57.4882, 0.3709, 0.3400



58.1386, 0.3858, 0.3422



73.0806, 0.3615, 0.3746



16.8744, 0.3290, 0.3325



11.2551, 0.6264, 0.3408



1.1058, 0.6059, 0.3571

Inverse Universe

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



74.6398, 0.2710, 0.3177



79.7609, 0.2639, 0.3153



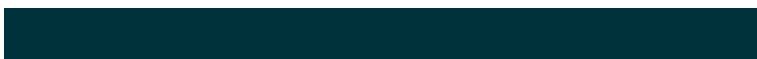
57.5199, 0.2670, 0.2786



18.3194, 0.2980, 0.3254



28.2996, 0.2116, 0.2818



2.5978, 0.2134, 0.2883

Previews

White Background



This preview shows how the Yxy color 57.4855, 0.3709, 0.3400 looks on a white background.

Color Contrast Check

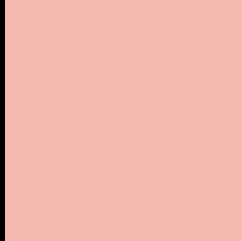
Large Text (above 18pt) WCAG AA × Fail

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 57.4855, 0.3709, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

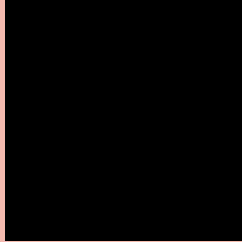
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4855, 0.3709, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 57.4855, 0.3709, 0.3400.



This preview shows how white text looks on a background with the Yxy color 57.4855, 0.3709, 0.3400.

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

57.4855, 0.3709, 0.3400

Protanopia

57.6756, 0.3318, 0.3481

Deuteranopia

57.7291, 0.3561, 0.3496



Tritanopia

57.4910, 0.3553, 0.3142

Trichromacy



Original Color

57.4855, 0.3709, 0.3400

Protanomaly

57.2510, 0.3459, 0.3453

Deuteranomaly

57.4145, 0.3620, 0.3459

Tritanomaly

57.3676, 0.3611, 0.3238

Monochromacy



Original Color

57.4855, 0.3709, 0.3400

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.0818, 0.3319, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4855, 0.3709, 0.3400 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, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(244, 186, 176)  
}
```

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, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 186, 176) }
```

Border

The CSS property to change the border of an element to Yxy 57.4855, 0.3709, 0.3400 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, 186, 176) }
```

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

```
.border{ border-color:rgb(244, 186, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 186, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(244, 186,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4855, 0.3709, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 186, 176) }
```

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

```
.background{ background-color: rgb(244,  
186, 176) }
```

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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