

Converting Colors

$Yxy(68.5301, 0.3640, 0.3538)$

Have a look what the booklet for
Yxy(68.5301, 0.3640, 0.3538)
contains.

Yxy(68.4103, 0.3635, 0.3533)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.4103, 0.3635, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	FACFB8
RGB	250, 207, 184
RGB Percent	98%, 81%, 72%
CMY	0.0196, 0.1882, 0.2785
CMYK	0.00, 0.17, 0.26, 0.02
HSL	21°, 87%, 85%
HSV	21°, 26%, 98%
XYZ	70.3853, 68.4103, 54.8367
YIQ	217.2350, 33.0110, 1.9630

Conversions

Conversions Part 2

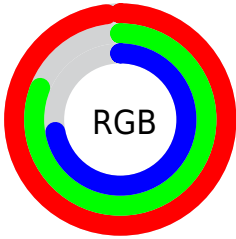
Format	Color
R _Y B	250, 219, 184
Decimal	16437176
CIE Lab	86.21, 11.79, 17.10
CIE LCh	86, 20.776, 55.408
Yxy	68.4103, 0.3635, 0.3533
Android (android.graphics.Color)	4294627256 (0xFFFA ^C FB8)
YUV	217.2350, -16.3849, 28.7349
Hunter-Lab	82.7105, 7.1573, 18.5884

Details

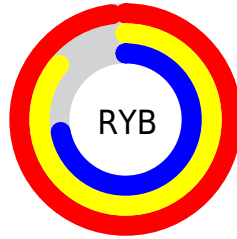
The Yxy color **68.4103, 0.3635, 0.3533** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0131, 0.2716, 0.3033**, and the grayscale version is **69.6560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **35.7586, 0.3762, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **59.9696, 0.3889, 0.3630**, and if you desaturate by 10%, it is **77.8560, 0.3417, 0.3437**.

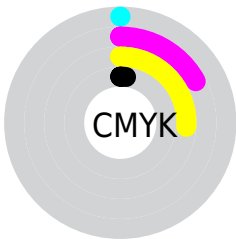
Distribution



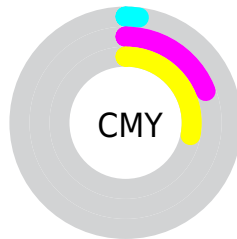
- Red (98%)
- Green (81%)
- Blue (72%)



- Red (98%)
- Yellow (86%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4103, 0.3635, 0.3533 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 68.4103, 0.3635, 0.3533 by changing the saturation by 10% instead.


 68.4103, 0.3635,
0.3533

 68.4103, 0.3635,
0.3533


454.9484, 0.3396,
0.3424

 50.2316, 0.3691,
0.3557


 116.9389, 0.3551,
0.3496

 35.5975, 0.3760,
0.3586


148.0576, 0.3519,
0.3481

 24.1235, 0.3848,
0.3621


184.2585, 0.3491,
0.3469

 15.4252, 0.3964,
0.3666


225.9258, 0.3467,
0.3458

 9.1184, 0.4124,
0.3722

273.4441, 0.3446,
0.3448

 4.8185, 0.4355,
0.3795

327.1977, 0.3427,

 2.1411, 0.4727,

0.3439

0.3894

387.5710, 0.3410,
0.3431

0.6876, 0.5789,
0.4211

0.0000, 0.0000,
0.0000

68.4103, 0.3635,
0.3533

68.4103, 0.3635,
0.3533

59.9696, 0.3889,
0.3630

77.8560, 0.3417,
0.3437

52.4900, 0.4180,
0.3722

88.3296, 0.3231,
0.3346

45.9385, 0.4505,
0.3802

99.0622, 0.3096,
0.3290

40.2760, 0.4852,
0.3856

■ 35.4606, 0.5201,
0.3873

■ 31.4460, 0.5523,
0.3841

■ 28.1798, 0.5787,
0.3758

■ 27.1698, 0.5869,
0.3722

Harmonies

Analogous

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



68.4103, 0.3580, 0.3323



68.4103, 0.3635, 0.3533



68.4103, 0.3548, 0.3691

Triad

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



68.4103, 0.3635, 0.3533



68.4103, 0.2855, 0.3471



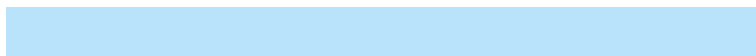
68.4103, 0.2897, 0.2870

Complementary

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



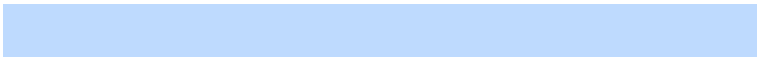
68.4103, 0.3635, 0.3533



72.0131, 0.2716, 0.3033

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.



68.4103, 0.2717, 0.2891



68.4103, 0.3635, 0.3533



68.4103, 0.2694, 0.3229

Square

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



68.4103, 0.3635, 0.3533



68.4103, 0.3093, 0.3665



68.4103, 0.2644, 0.3018



68.4103, 0.3145, 0.2952

Rectangle

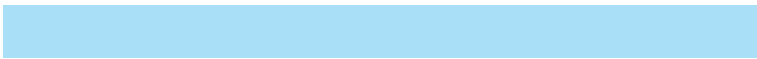
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.4103, 0.3635, 0.3533



68.4103, 0.3423, 0.3741



68.4103, 0.2644, 0.3018



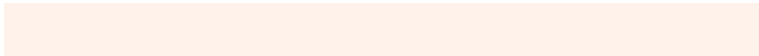
68.4103, 0.2827, 0.2865

Sweetspot

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



68.4134, 0.3635, 0.3533



90.5699, 0.3259, 0.3360



60.2006, 0.3328, 0.2839



19.0232, 0.3286, 0.3373



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.



68.4134, 0.3635, 0.3533



66.4684, 0.3774, 0.3588



85.5100, 0.3554, 0.3849



18.2153, 0.3285, 0.3373



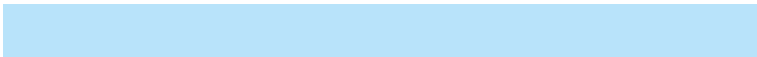
14.6554, 0.5839, 0.3745



1.5476, 0.5611, 0.3927

Inverse Universe

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



72.0131, 0.2716, 0.3033



70.8364, 0.2629, 0.2970



56.1172, 0.2680, 0.2660



18.5298, 0.2980, 0.3205



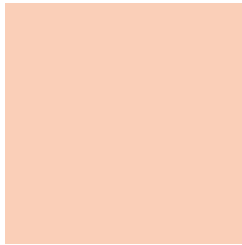
17.7984, 0.1918, 0.2104



1.8469, 0.1962, 0.2262

Previews

White Background



This preview shows how the Yxy color 68.4103, 0.3635, 0.3533 looks on a white background.

Color Contrast Check

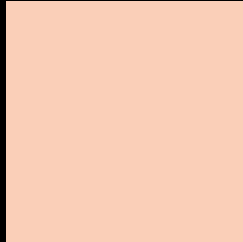
Large Text (above 18pt) WCAG AA × Fail

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 68.4103, 0.3635, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

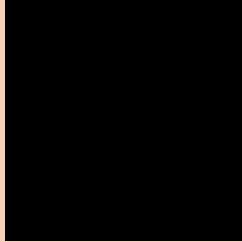
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.4103, 0.3635, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 68.4103, 0.3635, 0.3533.



This preview shows how white text looks on a background with the Yxy color 68.4103, 0.3635, 0.3533.

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

68.4103, 0.3635, 0.3533

Protanopia

68.4005, 0.3398, 0.3590

Deuteranopia

68.5289, 0.3616, 0.3545



Tritanopia

68.3738, 0.3415, 0.3128

Trichromacy



Original Color

68.4103, 0.3635, 0.3533

Protanomaly

68.3370, 0.3482, 0.3563

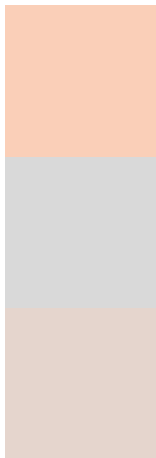
Deuteranomaly

68.7122, 0.3624, 0.3544

Tritanomaly

68.5246, 0.3496, 0.3270

Monochromacy



Original Color

68.4103, 0.3635, 0.3533

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6543, 0.3303, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4103, 0.3635, 0.3533 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(250, 207, 184)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 184)  
}
```

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(250, 207, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 184) }
```

Border

The CSS property to change the border of an element to Yxy 68.4103, 0.3635, 0.3533 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(250, 207, 184) }
```

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

```
.border{ border-color:rgb(250, 207, 184) }
```

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

Here you see how a box with a 4 pixel rgb(250, 207, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 184);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4103, 0.3635, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 184) }
```

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

```
.background{ background-color: rgb(250,  
207, 184) }
```

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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