

Converting Colors

$Y_{xy}(64.5281, 0.3806, 0.3572)$

Have a look what the booklet for
Yxy(64.5281, 0.3806, 0.3572)
contains.

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Color

Yxy(64.5884, 0.3806, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6AB
RGB	255, 198, 171
RGB Percent	100%, 78%, 67%
CMY	0.0000, 0.2235, 0.3296
CMYK	0.00, 0.22, 0.33, 0.00
HSL	19°, 100%, 84%
HSV	19°, 33%, 100%
XYZ	68.7810, 64.5884, 47.3480
YIQ	211.9650, 42.6390, 3.6870

Conversions

Conversions Part 2

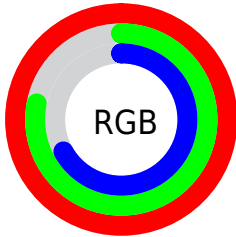
Format	Color
R _Y B	255, 211, 171
Decimal	16762539
CIE _{Lab}	84.27, 16.69, 21.36
CIE _{LCh}	84, 27.109, 51.990
Y _{xy}	64.5884, 0.3806, 0.3574
Android (android.graphics.Color)	4294952619 (0xFFFFC6AB)
Y _{UV}	211.9650, -20.1957, 37.7417
Hunter-Lab	80.3669, 12.1250, 21.3263

Details

The Yxy color **64.5884, 0.3806, 0.3574** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.3303, 0.2618, 0.2985**, and the grayscale version is **65.9293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **33.1487, 0.3974, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **56.2519, 0.4091, 0.3662**, and if you desaturate by 10%, it is **74.0210, 0.3560, 0.3484**.

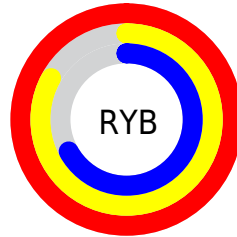
Distribution



Red (100%)

Green (78%)

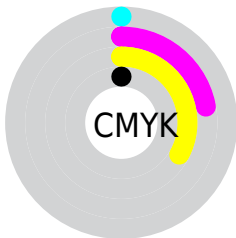
Blue (67%)



Red (100%)

Yellow (83%)

Blue (67%)

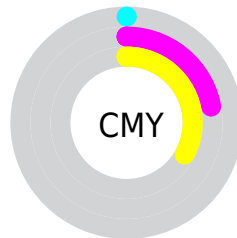


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5884, 0.3806, 0.3574 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 64.5884, 0.3806, 0.3574 by changing the saturation by 10% instead.


 64.5884, 0.3806,
0.3574

 64.5884, 0.3806,
0.3574

441.3114, 0.3482,
0.3449

 47.1274, 0.3882,
0.3600

 111.4579, 0.3692,
0.3532

 33.1364, 0.3976,
0.3632


141.6352, 0.3648,
0.3515

 22.2309, 0.4097,
0.3670


176.8200, 0.3611,
0.3501

 14.0267, 0.4257,
0.3715

217.3968, 0.3578,
0.3488

 8.1392, 0.4475,
0.3769

263.7500, 0.3550,
0.3477

 4.1842, 0.4791,
0.3827

316.2638, 0.3525,

 1.7771, 0.5474,

0.3466

0.4013

375.3228, 0.3502,
0.3457

0.4728, 0.6444,
0.3556

0.0000, 0.0000,
0.0000

64.5884, 0.3806,
0.3574

64.5884, 0.3806,
0.3574

56.2519, 0.4091,
0.3662

74.0210, 0.3560,
0.3484

48.9613, 0.4415,
0.3740

84.5794, 0.3351,
0.3396

42.6759, 0.4768,
0.3798

96.3033, 0.3174,
0.3313

37.3485, 0.5133,
0.3824

99.9998, 0.3127,
0.3290

■ 32.9275, 0.5480,
0.3805

■ 29.3553, 0.5775,
0.3736

■ 27.3070, 0.5941,
0.3665

Harmonies

Analogous

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



64.5884, 0.3711, 0.3296



64.5884, 0.3806, 0.3574



64.5884, 0.3707, 0.3800

Triad

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



64.5884, 0.3806, 0.3574



64.5884, 0.2797, 0.3567



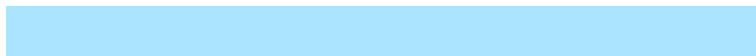
64.5884, 0.2788, 0.2736

Complementary

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



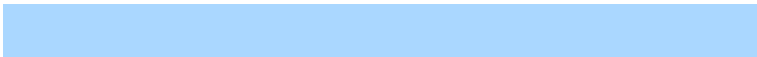
64.5884, 0.3806, 0.3574



71.3303, 0.2618, 0.2985

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.



64.5884, 0.2568, 0.2774



64.5884, 0.3806, 0.3574



64.5884, 0.2573, 0.3240

Square

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



64.5884, 0.3806, 0.3574



64.5884, 0.3117, 0.3818



64.5884, 0.2492, 0.2951



64.5884, 0.3108, 0.2830

Rectangle

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



64.5884, 0.3806, 0.3574



64.5884, 0.3549, 0.3884



64.5884, 0.2492, 0.2951



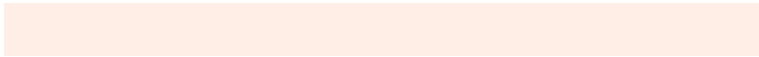
64.5884, 0.2701, 0.2733

Sweetspot

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



64.5914, 0.3806, 0.3574



87.9245, 0.3295, 0.3371



55.9926, 0.3380, 0.2710



18.4766, 0.3321, 0.3383



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.



64.5914, 0.3806, 0.3574



58.6076, 0.4003, 0.3636



86.2782, 0.3672, 0.3978



18.9415, 0.3286, 0.3367



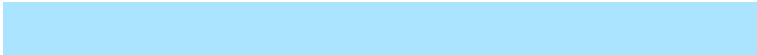
14.5067, 0.5911, 0.3689



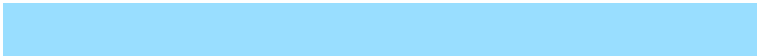
1.6005, 0.5691, 0.3863

Inverse Universe

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



71.3303, 0.2618, 0.2985



66.3233, 0.2515, 0.2908



51.1452, 0.2555, 0.2491



19.4376, 0.2980, 0.3212



19.6547, 0.1945, 0.2200



2.1118, 0.1983, 0.2339

Previews

White Background



This preview shows how the Yxy color 64.5884, 0.3806, 0.3574 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 64.5884, 0.3806, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

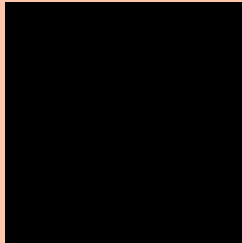
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5884, 0.3806, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 64.5884, 0.3806, 0.3574.



This preview shows how white text looks on a background with the Yxy color 64.5884, 0.3806, 0.3574.

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

64.5884, 0.3806, 0.3574

Protanopia

64.7971, 0.3457, 0.3665

Deuteranopia

64.5558, 0.3718, 0.3635



Tritanopia

64.3976, 0.3515, 0.3147

Trichromacy



Original Color

64.5884, 0.3806, 0.3574

Protanomaly

64.7302, 0.3578, 0.3633

Deuteranomaly

64.8153, 0.3754, 0.3621

Tritanomaly

64.2303, 0.3618, 0.3291

Monochromacy



Original Color

64.5884, 0.3806, 0.3574

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1508, 0.3361, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5884, 0.3806, 0.3574 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(255, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 171)  
}
```

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(255, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 171) }
```

Border

The CSS property to change the border of an element to Yxy 64.5884, 0.3806, 0.3574 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(255, 198, 171) }
```

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

```
.border{ border-color:rgb(255, 198, 171) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5884, 0.3806, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 171) }
```

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

```
.background{ background-color: rgb(255,  
198, 171) }
```

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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