

Converting Colors

$Y_{xy}(74.7067, 0.4112, 0.3694)$

Have a look what the booklet for
Yxy(74.7067, 0.4112, 0.3694)
contains.

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Color

Yxy(68.0112, 0.3848, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEA2
RGB	255, 206, 162
RGB Percent	100%, 81%, 64%
CMY	0.0001, 0.1921, 0.3648
CMYK	0.00, 0.19, 0.36, 0.00
HSL	28°, 100%, 82%
HSV	28°, 36%, 100%
XYZ	69.8258, 68.0112, 43.6230
YIQ	215.6350, 43.3280, -3.2960

Conversions

Conversions Part 2

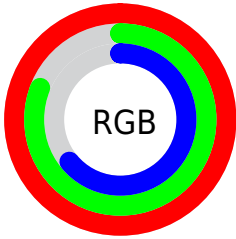
Format	Color
R_{YB}	255, 246, 162
Decimal	16764578
CIE _{Lab}	86.01, 11.45, 28.44
CIE _{LCh}	86, 30.662, 68.070
Yxy	68.0112, 0.3848, 0.3748
Android (android.graphics.Color)	4294954658 (0xFFFFCEA2)
YUV	215.6350, -26.4421, 34.5231
Hunter-Lab	82.4689, 6.8140, 26.3660

Details

The Yxy color **68.0112, 0.3848, 0.3748** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.4619, 0.2542, 0.2779**, and the grayscale version is **68.5694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **35.4526, 0.4022, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **61.0067, 0.4106, 0.3872**, and if you desaturate by 10%, it is **75.7581, 0.3615, 0.3618**.

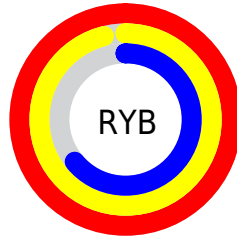
Distribution



Red (100%)

Green (81%)

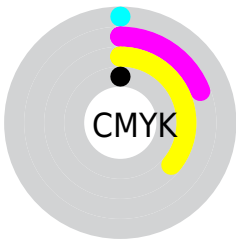
Blue (64%)



Red (100%)

Yellow (96%)

Blue (64%)

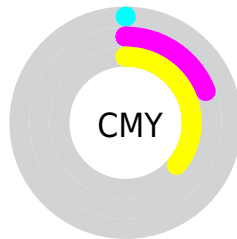


Cyan (0%)

Magenta (19%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0112, 0.3848, 0.3748 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 68.0112, 0.3848, 0.3748 by changing the saturation by 10% instead.


 68.0112, 0.3848,
0.3748


 68.0112, 0.3848,
0.3748


453.5357, 0.3510,
0.3543

 49.9068, 0.3926,
0.3792


 116.3682, 0.3730,
0.3679

 35.3394, 0.4021,
0.3845


 147.3896, 0.3685,
0.3652

 23.9244, 0.4142,
0.3909


183.4854, 0.3645,
0.3628

 15.2776, 0.4297,
0.3987

225.0402, 0.3611,
0.3607

 9.0144, 0.4504,
0.4081

272.4382, 0.3581,
0.3588

 4.7506, 0.4787,
0.4191

326.0638, 0.3554,

 2.1017, 0.5470,

0.3572

0.4530

386.3015, 0.3531,
0.3557

0.6656, 0.5787,
0.4213

0.0000, 0.0000,
0.0000

68.0112, 0.3848,
0.3748

68.0112, 0.3848,
0.3748

61.0067, 0.4106,
0.3872

75.7581, 0.3615,
0.3618

54.7100, 0.4386,
0.3982

84.2613, 0.3410,
0.3490

49.0978, 0.4676,
0.4065

93.5463, 0.3231,
0.3366

44.1410, 0.4963,
0.4108

99.9958, 0.3127,
0.3290

■ 39.8076, 0.5225,
0.4099

■ 36.0608, 0.5445,
0.4034

■ 34.8640, 0.5515,
0.4003

Harmonies

Analogous

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



68.0112, 0.3861, 0.3460



68.0112, 0.3848, 0.3748



68.0112, 0.3634, 0.3938

Triad

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



68.0112, 0.3848, 0.3748



68.0112, 0.2611, 0.3404



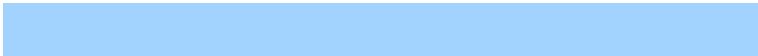
68.0112, 0.2931, 0.2717

Complementary

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



68.0112, 0.3848, 0.3748



61.4619, 0.2542, 0.2779

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.



68.0112, 0.2621, 0.2678



68.0112, 0.3848, 0.3748



68.0112, 0.2445, 0.3047

Square

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



68.0112, 0.3848, 0.3748



68.0112, 0.2916, 0.3749



68.0112, 0.2449, 0.2789



68.0112, 0.3313, 0.2888

Rectangle

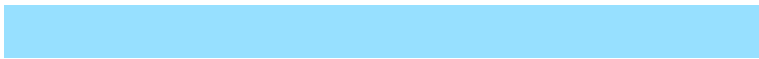
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.0112, 0.3848, 0.3748



68.0112, 0.3413, 0.3969



68.0112, 0.2449, 0.2789



68.0112, 0.2815, 0.2688

Sweetspot

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



68.0144, 0.3848, 0.3748



89.2596, 0.3309, 0.3421



51.8245, 0.3541, 0.2781



18.8362, 0.3333, 0.3438



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.



68.0144, 0.3848, 0.3748



62.6827, 0.4040, 0.3843



93.4083, 0.3688, 0.4174



19.4056, 0.3282, 0.3403



18.5147, 0.5488, 0.4024



2.0195, 0.5303, 0.4172

Inverse Universe

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



61.4619, 0.2542, 0.2779



55.2247, 0.2422, 0.2652



41.8404, 0.2463, 0.2220



18.9609, 0.2979, 0.3175



13.0214, 0.1795, 0.1663



1.4867, 0.1851, 0.1861

Previews

White Background



This preview shows how the Yxy color 68.0112, 0.3848, 0.3748 looks on a white background.

Color Contrast Check

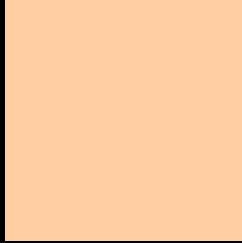
Large Text (above 18pt) WCAG AA × Fail

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 68.0112, 0.3848, 0.3748 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 68.0112, 0.3848, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 68.0112, 0.3848, 0.3748.



This preview shows how white text looks on a background with the Yxy color 68.0112, 0.3848, 0.3748.

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

68.0112, 0.3848, 0.3748

Protanopia

68.1770, 0.3588, 0.3833

Deuteranopia

68.3051, 0.3836, 0.3759



Tritanopia

67.8883, 0.3455, 0.3158

Trichromacy



Original Color

68.0112, 0.3848, 0.3748

Protanomaly

68.1543, 0.3676, 0.3800

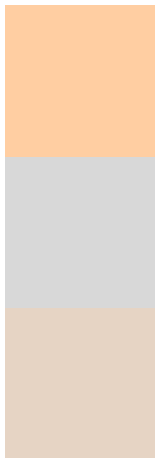
Deuteranomaly

68.3051, 0.3836, 0.3759

Tritanomaly

67.9120, 0.3599, 0.3374

Monochromacy



Original Color

68.0112, 0.3848, 0.3748

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8955, 0.3377, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0112, 0.3848, 0.3748 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, 206, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 162)  
}
```

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, 206, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 162) }
```

Border

The CSS property to change the border of an element to Yxy 68.0112, 0.3848, 0.3748 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, 206, 162) }
```

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

```
.border{ border-color:rgb(255, 206, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0112, 0.3848, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 162) }
```

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

```
.background{ background-color: rgb(255,  
206, 162) }
```

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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