

Converting Colors

Yxy(57.8010, 0.4105, 0.3744)

Have a look what the booklet for
Yxy(57.8010, 0.4105, 0.3744)
contains.

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Color

Yxy(57.8810, 0.4108, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	FFB98D
RGB	255, 185, 141
RGB Percent	100%, 73%, 55%
CMY	0.0001, 0.2744, 0.4470
CMYK	0.00, 0.27, 0.45, 0.00
HSL	23°, 100%, 78%
HSV	23°, 45%, 100%
XYZ	63.3898, 57.8810, 33.0374
YIQ	200.9140, 55.8440, 1.1560

Conversions

Conversions Part 2

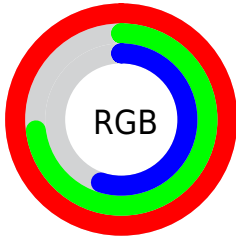
Format	Color
R _Y B	255, 213, 141
Decimal	16759181
CIE Lab	80.67, 20.16, 32.28
CIE LCh	81, 38.059, 58.022
Yxy	57.8810, 0.4108, 0.3751
Android (android.graphics.Color)	4294949261 (0xFFFFB98D)
YUV	200.9140, -29.5376, 47.4334
Hunter-Lab	76.0796, 15.5877, 27.5091

Details

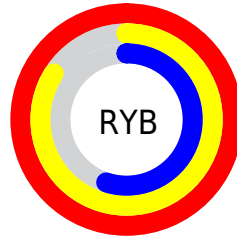
The Yxy color **57.8810, 0.4108, 0.3751** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.4570, 0.2433, 0.2764**, and the grayscale version is **58.5150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1107, 0.3513, 0.3750**, and **28.9765, 0.4360, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **51.0168, 0.4415, 0.3843**, and if you desaturate by 10%, it is **65.6465, 0.3832, 0.3647**.

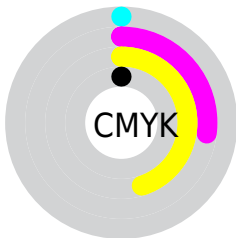
Distribution



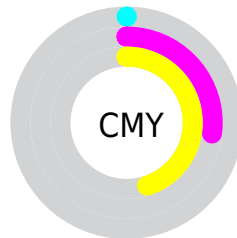
- Red (100%)
- Green (73%)
- Blue (55%)



- Red (100%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8810, 0.4108, 0.3751 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 57.8810, 0.4108, 0.3751 by changing the saturation by 10% instead.

 57.8810, 0.4108,
0.3751


 57.8810, 0.4108,
0.3751


416.7424, 0.3634,
0.3550

 41.7130, 0.4219,
0.3792


 101.7495, 0.3941,
0.3685

 28.8766, 0.4357,
0.3838


 130.2189, 0.3877,
0.3658

 18.9875, 0.4533,
0.3891


 163.5574, 0.3822,
0.3635

 11.6612, 0.4761,
0.3949

202.1496, 0.3774,
0.3614

 6.5135, 0.5064,
0.4001

246.3798, 0.3732,
0.3595

 3.1597, 0.5591,
0.4104

296.6324, 0.3696,

 1.2157, 0.6068,

0.3579

0.3932

353.2918, 0.3663,
0.3564

0.0745, 0.8832,
0.1168

0.0000, 0.0000,
0.0000

57.8810, 0.4108,
0.3751

57.8810, 0.4108,
0.3751

51.0168, 0.4415,
0.3843

65.6465, 0.3832,
0.3647

45.0101, 0.4743,
0.3911

74.3381, 0.3590,
0.3540

39.8255, 0.5076,
0.3943

83.9899, 0.3381,
0.3435

35.4212, 0.5387,
0.3926

94.6316, 0.3202,
0.3335

■ 31.7499, 0.5650,
0.3855

99.9944, 0.3127,
0.3290

■ 30.0742, 0.5769,
0.3801

Harmonies

Analogous

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



57.8810, 0.4033, 0.3362



57.8810, 0.4108, 0.3751



57.8810, 0.3900, 0.4065

Triad

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



57.8810, 0.4108, 0.3751



57.8810, 0.2569, 0.3602



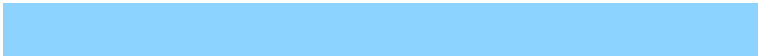
57.8810, 0.2718, 0.2521

Complementary

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



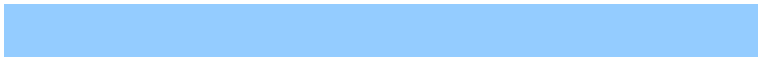
57.8810, 0.4108, 0.3751



59.4570, 0.2433, 0.2764

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.



57.8810, 0.2378, 0.2526



57.8810, 0.4108, 0.3751



57.8810, 0.2296, 0.3109

Square

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



57.8810, 0.4108, 0.3751



57.8810, 0.3002, 0.4023



57.8810, 0.2231, 0.2724



57.8810, 0.3194, 0.2686

Rectangle

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



57.8810, 0.4108, 0.3751



57.8810, 0.3642, 0.4176



57.8810, 0.2231, 0.2724



57.8810, 0.2586, 0.2502

Sweetspot

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



57.8838, 0.4108, 0.3751



85.7423, 0.3349, 0.3418



45.0276, 0.3579, 0.2576



17.8704, 0.3391, 0.3440



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.



57.8838, 0.4108, 0.3751



51.4770, 0.4393, 0.3837



86.4899, 0.3846, 0.4282



19.1370, 0.3285, 0.3382



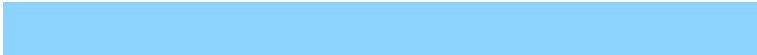
15.9858, 0.5739, 0.3825



1.7606, 0.5528, 0.3993

Inverse Universe

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



59.4570, 0.2433, 0.2764



53.1845, 0.2301, 0.2631



36.0975, 0.2307, 0.2049



19.2345, 0.2979, 0.3196



16.5896, 0.1881, 0.1970



1.8272, 0.1927, 0.2136

Previews

White Background



This preview shows how the Yxy color 57.8810, 0.4108, 0.3751 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 57.8810, 0.4108, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

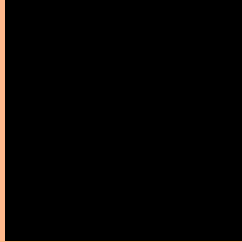
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8810, 0.4108, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 57.8810, 0.4108, 0.3751.



This preview shows how white text looks on a background with the Yxy color 57.8810, 0.4108, 0.3751.

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

57.8810, 0.4108, 0.3751

Protanopia

57.8937, 0.3644, 0.3905

Deuteranopia

57.9434, 0.3945, 0.3863



Tritanopia

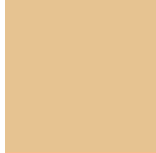
57.7528, 0.3671, 0.3156

Trichromacy



Original Color

57.8810, 0.4108, 0.3751



Protanomaly

57.8975, 0.3815, 0.3857



Deuteranomaly

57.7011, 0.4011, 0.3820



Tritanomaly

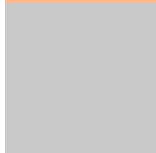
57.7719, 0.3834, 0.3376

Monochromacy



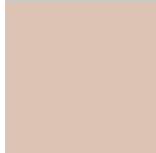
Original Color

57.8810, 0.4108, 0.3751



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.6570, 0.3465, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8810, 0.4108, 0.3751 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, 185, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 141)  
}
```

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, 185, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 141) }
```

Border

The CSS property to change the border of an element to Yxy 57.8810, 0.4108, 0.3751 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, 185, 141) }
```

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

```
.border{ border-color:rgb(255, 185, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8810, 0.4108, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 141) }
```

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

```
.background{ background-color: rgb(255,  
185, 141) }
```

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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