

# Converting Colors

$Yxy(57.7967, 0.3919, 0.3491)$

Have a look what the booklet for  
Yxy(57.7967, 0.3919, 0.3491)  
contains.

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# Color

**Yxy(57.8073, 0.3919, 0.3492)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFB7A4
RGB	255, 183, 164
RGB Percent	100%, 72%, 64%
CMY	0.0000, 0.2823, 0.3569
CMYK	0.00, 0.28, 0.36, 0.00
HSL	13°, 100%, 82%
HSV	13°, 36%, 100%
XYZ	64.8759, 57.8073, 42.8588
YIQ	202.3620, 49.0110, 9.3550

# Conversions

## Conversions Part 2

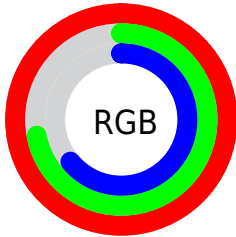
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 188, 164
Decimal	16758692
CIE Lab	80.63, 23.72, 20.03
CIE LCh	81, 31.047, 40.182
Yxy	57.8073, 0.3919, 0.3492
Android (android.graphics.Color)	4294948772 (0xFFFFB7A4)
YUV	202.3620, -18.9125, 46.1635
Hunter-Lab	76.0311, 19.2563, 19.7999

# Details

The Yxy color **57.8073, 0.3919, 0.3492** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0999, 0.2594, 0.3075**, and the grayscale version is **59.3984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1075, 0.3361, 0.3489**, and **28.8709, 0.4123, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **49.2433, 0.4246, 0.3548**, and if you desaturate by 10%, it is **67.7518, 0.3642, 0.3433**.

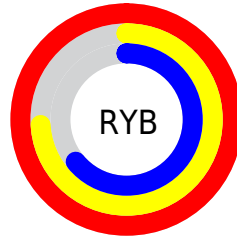
# Distribution



Red (100%)

Green (72%)

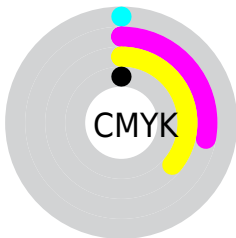
Blue (64%)



Red (100%)

Yellow (74%)

Blue (64%)

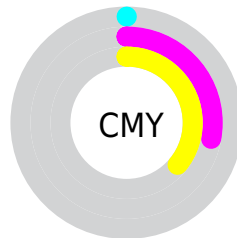


Cyan (0%)

Magenta (28%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8073, 0.3919, 0.3492 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 57.8073, 0.3919, 0.3492 by changing the saturation by 10% instead.




 57.8073, 0.3919,  
0.3492


 57.8073, 0.3919,  
0.3492


416.4675, 0.3533,  
0.3407

 41.6537, 0.4011,  
0.3509


 101.6422, 0.3782,  
0.3465

 28.8303, 0.4128,  
0.3527


 130.0923, 0.3729,  
0.3453

 18.9525, 0.4278,  
0.3548


163.4101, 0.3685,  
0.3444

 11.6359, 0.4480,  
0.3569

201.9799, 0.3646,  
0.3435

 6.4963, 0.4762,  
0.3585

246.1862, 0.3612,  
0.3427

 3.1491, 0.5179,  
0.3580

296.4133, 0.3583,

 1.2101, 0.6254,

0.3420

0.3746

353.0456, 0.3557,  
0.3413

0.0699, 0.9023,  
0.0977

0.0000, 0.0000,  
0.0000

57.8073, 0.3919,  
0.3492

57.8073, 0.3919,  
0.3492

49.2433, 0.4246,  
0.3548

67.7518, 0.3642,  
0.3433

41.9937, 0.4620,  
0.3593

79.1300, 0.3412,  
0.3375

35.9937, 0.5029,  
0.3620

91.9978, 0.3221,  
0.3320

31.1709, 0.5442,  
0.3618

100.0000, 0.3127,  
0.3290

■ 27.4450, 0.5814,  
0.3578

■ 24.7248, 0.6096,  
0.3504

■ 23.8297, 0.6189,  
0.3468

# Harmonies

## Analogous

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



57.8073, 0.3719, 0.3164



57.8073, 0.3919, 0.3492



57.8073, 0.3887, 0.3795

# Triad

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



57.8073, 0.3919, 0.3492



57.8073, 0.2874, 0.3760



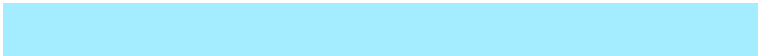
57.8073, 0.2606, 0.2636

# Complementary

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



57.8073, 0.3919, 0.3492



75.0999, 0.2594, 0.3075

# 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.



57.8073, 0.2413, 0.2741



57.8073, 0.3919, 0.3492



57.8073, 0.2558, 0.3383

# Square

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



57.8073, 0.3919, 0.3492



57.8073, 0.3271, 0.3989



57.8073, 0.2395, 0.3005



57.8073, 0.2944, 0.2690



# Rectangle

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



57.8073, 0.3919, 0.3492



57.8073, 0.3745, 0.3943



57.8073, 0.2395, 0.3005



57.8073, 0.2523, 0.2653

# Sweetspot

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



57.8087, 0.3919, 0.3492



84.9726, 0.3317, 0.3349



53.9129, 0.3316, 0.2563



17.8186, 0.3344, 0.3356



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.



57.8087, 0.3919, 0.3492



51.4130, 0.4153, 0.3533



79.2618, 0.3756, 0.3938



18.6016, 0.3289, 0.3340



12.6225, 0.6164, 0.3488

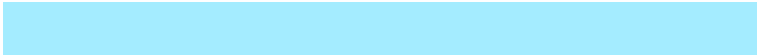


1.3776, 0.5956, 0.3653



# Inverse Universe

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



75.0999, 0.2594, 0.3075



71.0409, 0.2497, 0.3024



52.5042, 0.2520, 0.2542



19.7993, 0.2980, 0.3239



26.0049, 0.2056, 0.2602

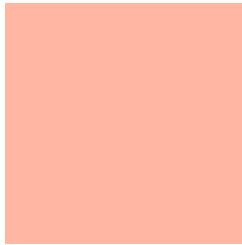


2.6860, 0.2081, 0.2690



# Previews

## White Background



This preview shows how the Yxy color 57.8073, 0.3919, 0.3492 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 57.8073, 0.3919, 0.3492 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 57.8073, 0.3919, 0.3492**

## Background



This preview shows how black text looks on a background with the Yxy color 57.8073, 0.3919, 0.3492.



This preview shows how white text looks on a background with the Yxy color 57.8073, 0.3919, 0.3492.

# 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

57.8073, 0.3919, 0.3492

### Protanopia

58.1360, 0.3426, 0.3623

### Deuteranopia

58.0722, 0.3710, 0.3640



## Tritanopia

57.7528, 0.3671, 0.3156

# Trichromacy



## Original Color

57.8073, 0.3919, 0.3492

## Protanomaly

57.7790, 0.3599, 0.3577

## Deuteranomaly

57.7403, 0.3785, 0.3577

## Tritanomaly

57.6851, 0.3766, 0.3281

# Monochromacy



## Original Color

57.8073, 0.3919, 0.3492

## Achromatopsia

59.0619, 0.3127, 0.3290

## Achromatomaly

58.0332, 0.3393, 0.3371

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.8073, 0.3919, 0.3492 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, 183, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 164)  
}
```

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, 183, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 164) }
```

## Border

The CSS property to change the border of an element to Yxy 57.8073, 0.3919, 0.3492 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, 183, 164) }
```

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

```
.border{ border-color:rgb(255, 183, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 183, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 183, 164); box-shadow:4px 4px 4px 4px rgb(255, 183, 164) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.8073, 0.3919, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 164) }
```

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

```
.background{ background-color: rgb(255,  
183, 164) }
```

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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