

# Converting Colors

Yxy(64.1157, 0.3902, 0.3479)

Have a look what the booklet for  
Yxy(64.1157, 0.3902, 0.3479)  
contains.

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# Color

**Yxy(61.9764, 0.3809, 0.3491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC0AD
RGB	255, 192, 173
RGB Percent	100%, 75%, 68%
CMY	0.0002, 0.2470, 0.3216
CMYK	0.00, 0.25, 0.32, 0.00
HSL	14°, 100%, 84%
HSV	14°, 32%, 100%
XYZ	67.6219, 61.9764, 47.9336
YIQ	208.6710, 43.6470, 7.4470

# Conversions

## Conversions Part 2

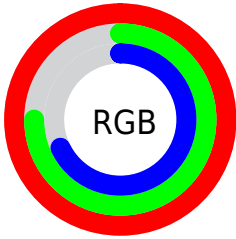
Format	Color
R <sub>Y</sub> B	255, 198, 173
Decimal	16761005
CIE Lab	82.90, 20.06, 18.37
CIE LCh	83, 27.206, 42.482
Yxy	61.9764, 0.3809, 0.3491
Android (android.graphics.Color)	4294951085 (0xFFFFC0AD)
YUV	208.6710, -17.5858, 40.6305
Hunter-Lab	78.7251, 15.5559, 19.0075

# Details

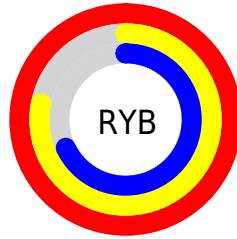
The Yxy color **61.9764, 0.3809, 0.3491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0581, 0.2641, 0.3078**, and the grayscale version is **63.6309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6128, 0.3292, 0.3495**, and **31.4278, 0.3984, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **53.0496, 0.4112, 0.3555**, and if you desaturate by 10%, it is **72.2411, 0.3553, 0.3426**.

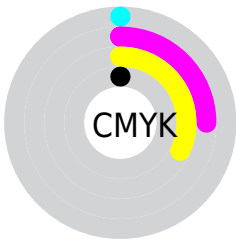
# Distribution



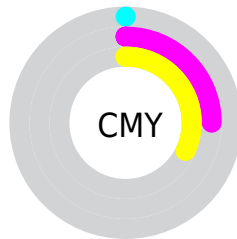
- Red (100%)
- Green (75%)
- Blue (68%)



- Red (100%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9764, 0.3809, 0.3491 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 61.9764, 0.3809, 0.3491 by changing the saturation by 10% instead.





 61.9764, 0.3809,  
0.3491

 61.9764, 0.3809,  
0.3491


431.8450, 0.3481,  
0.3405

 45.0136, 0.3887,  
0.3509


 107.6914, 0.3693,  
0.3463

 31.4682, 0.3984,  
0.3529


137.2125, 0.3648,  
0.3451

 20.9556, 0.4109,  
0.3553


171.6884, 0.3610,  
0.3441

 13.0916, 0.4276,  
0.3581

211.5036, 0.3578,  
0.3432

 7.4916, 0.4508,  
0.3611

257.0424, 0.3549,  
0.3424

 3.7714, 0.4850,  
0.3635

308.6894, 0.3524,

 1.5465, 0.5587,

0.3417

366.8288, 0.3501,  
0.3410

0.3756

0.3211, 0.7123,  
0.2877

0.0000, 0.0000,  
0.0000

61.9764, 0.3809,  
0.3491

61.9764, 0.3809,  
0.3491

53.0496, 0.4112,  
0.3555

72.2411, 0.3553,  
0.3426

45.3965, 0.4463,  
0.3611

83.8873, 0.3339,  
0.3362

38.9603, 0.4852,  
0.3650

96.9672, 0.3161,  
0.3302

33.6766, 0.5259,  
0.3663

99.9927, 0.3127,  
0.3290

■ 29.4745, 0.5644,  
0.3638

■ 26.2746, 0.5961,  
0.3573

■ 24.3985, 0.6145,  
0.3503

# Harmonies

## Analogous

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



61.9764, 0.3653, 0.3206



61.9764, 0.3809, 0.3491



61.9764, 0.3769, 0.3745

# Triad

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



61.9764, 0.3809, 0.3491



61.9764, 0.2887, 0.3668



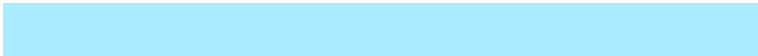
61.9764, 0.2697, 0.2724

# Complementary

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



61.9764, 0.3809, 0.3491



76.0581, 0.2641, 0.3078

# 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.



61.9764, 0.2518, 0.2807



61.9764, 0.3809, 0.3491



61.9764, 0.2622, 0.3346

# Square

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



61.9764, 0.3809, 0.3491



61.9764, 0.3227, 0.3875



61.9764, 0.2490, 0.3028



61.9764, 0.2997, 0.2779



# Rectangle

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



61.9764, 0.3809, 0.3491



61.9764, 0.3640, 0.3862



61.9764, 0.2490, 0.3028



61.9764, 0.2622, 0.2736

# Sweetspot

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



61.9793, 0.3809, 0.3491



86.6015, 0.3298, 0.3349



57.2667, 0.3305, 0.2647



18.1583, 0.3324, 0.3357



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.



61.9793, 0.3809, 0.3491



55.7375, 0.4012, 0.3535



81.8366, 0.3682, 0.3885



18.6710, 0.3289, 0.3346



12.9391, 0.6118, 0.3524

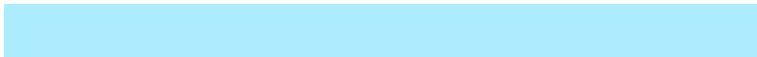


1.4175, 0.5905, 0.3694



# Inverse Universe

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



76.0581, 0.2641, 0.3078



71.9108, 0.2545, 0.3025



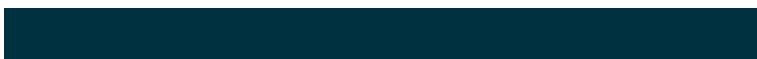
55.6826, 0.2583, 0.2612



19.7245, 0.2980, 0.3234



24.5976, 0.2034, 0.2521



2.5601, 0.2061, 0.2619



# Previews

## White Background



This preview shows how the Yxy color 61.9764, 0.3809, 0.3491 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 61.9764, 0.3809, 0.3491 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 61.9764, 0.3809, 0.3491**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.9764, 0.3809, 0.3491.



This preview shows how white text looks on a background with the Yxy color 61.9764, 0.3809, 0.3491.

# 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

61.9764, 0.3809, 0.3491

### Protanopia

62.1896, 0.3402, 0.3591

### Deuteranopia

62.1761, 0.3662, 0.3587



## Tritanopia

61.9195, 0.3574, 0.3157

# Trichromacy



**Original Color**

61.9764, 0.3809, 0.3491

**Protanomaly**

61.9365, 0.3550, 0.3559

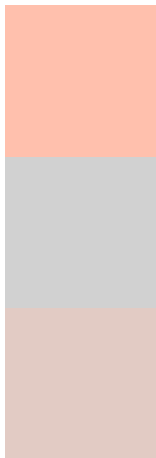
**Deuteranomaly**

61.8709, 0.3721, 0.3550

**Tritanomaly**

61.8485, 0.3664, 0.3281

# Monochromacy



**Original Color**

61.9764, 0.3809, 0.3491

**Achromatopsia**

63.7597, 0.3127, 0.3290

**Achromatomaly**

62.8661, 0.3359, 0.3369

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.9764, 0.3809, 0.3491 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, 192, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 173)  
}
```

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, 192, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 173) }
```

## Border

The CSS property to change the border of an element to Yxy 61.9764, 0.3809, 0.3491 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, 192, 173) }
```

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

```
.border{ border-color:rgb(255, 192, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 173); box-shadow:4px 4px 4px 4px rgb(255, 192, 173) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.9764, 0.3809, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 173) }
```

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

```
.background{ background-color: rgb(255,  
192, 173) }
```

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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