

# Converting Colors

$Yxy(76.3477, 0.3572, 0.3565)$

Have a look what the booklet for  
Yxy(76.3477, 0.3572, 0.3565)  
contains.

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# Color

**Yxy(76.2967, 0.3574, 0.3567)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFDCC1
RGB	255, 220, 193
RGB Percent	100%, 86%, 76%
CMY	0.0002, 0.1372, 0.2431
CMYK	0.00, 0.14, 0.24, 0.00
HSL	26°, 100%, 88%
HSV	26°, 24%, 100%
XYZ	76.4464, 76.2967, 61.1529
YIQ	227.3870, 29.5270, -0.9770

# Conversions

## Conversions Part 2

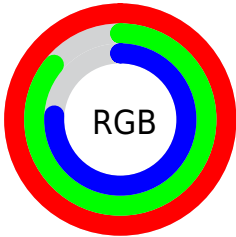
Format	Color
R <sub>Y</sub> B	255, 241, 193
Decimal	16768193
CIE Lab	90.00, 8.11, 17.74
CIE LCh	90, 19.505, 65.444
Yxy	76.2967, 0.3574, 0.3567
Android (android.graphics.Color)	4294958273 (0xFFFFDCC1)
YUV	227.3870, -16.9528, 24.2166
Hunter-Lab	87.3480, 3.3632, 19.6343

# Details

The Yxy color **76.2967, 0.3574, 0.3567** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0077, 0.2743, 0.2996**, and the grayscale version is **77.2214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **40.7801, 0.3687, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **68.0328, 0.3807, 0.3687**, and if you desaturate by 10%, it is **85.4127, 0.3371, 0.3449**.

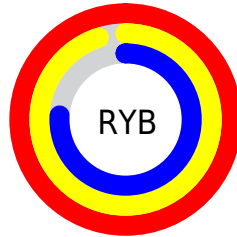
# Distribution



Red (100%)

Green (86%)

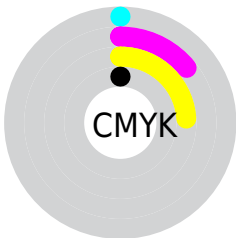
Blue (76%)



Red (100%)

Yellow (95%)

Blue (76%)

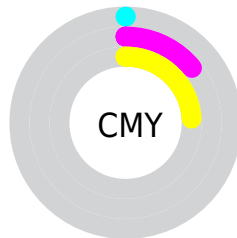


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2967, 0.3574, 0.3567 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 76.2967, 0.3574, 0.3567 by changing the saturation by 10% instead.



 76.2967, 0.3574,  
0.3567

 76.2967, 0.3574,  
0.3567


482.3628, 0.3368,  
0.3443

 56.6758, 0.3621,  
0.3594


 128.1462, 0.3503,  
0.3525

 40.7450, 0.3679,  
0.3627

161.1437, 0.3475,  
0.3508

 28.1199, 0.3751,  
0.3668


199.3688, 0.3451,  
0.3494

 18.4161, 0.3846,  
0.3719

243.2059, 0.3430,  
0.3481

 11.2491, 0.3973,  
0.3786

293.0395, 0.3412,  
0.3470

 6.2347, 0.4153,  
0.3874

349.2539, 0.3395,

 2.9883, 0.4422,

0.3460

0.3994

412.2335, 0.3381,  
0.3451

■ 1.1256, 0.5396,  
0.4604

■ 0.0000, 1.0000,  
0.0000

■ 76.2967, 0.3574,  
0.3567

■ 76.2967, 0.3574,  
0.3567

■ 68.0328, 0.3807,  
0.3687

■ 85.4127, 0.3371,  
0.3449

■ 60.5843, 0.4069,  
0.3804

■ 95.3954, 0.3195,  
0.3336

■ 53.9267, 0.4357,  
0.3909

99.9911, 0.3127,  
0.3290

■ 48.0303, 0.4663,  
0.3990

■ 42.8632, 0.4970,  
0.4035

■ 38.3899, 0.5259,  
0.4030

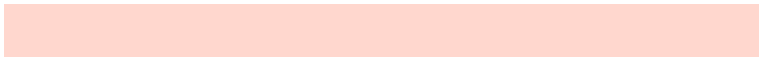
■ 34.5707, 0.5505,  
0.3969

■ 32.6615, 0.5625,  
0.3915

# Harmonies

## Analogous

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



76.2967, 0.3567, 0.3387



76.2967, 0.3574, 0.3567



76.2967, 0.3457, 0.3681

# Triad

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



76.2967, 0.3574, 0.3567



76.2967, 0.2822, 0.3382



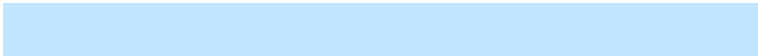
76.2967, 0.2990, 0.2923

# Complementary

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



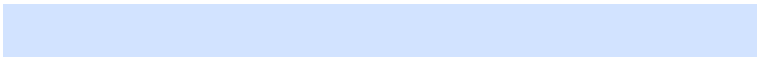
76.2967, 0.3574, 0.3567



74.0077, 0.2743, 0.2996

# 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.



76.2967, 0.2800, 0.2910



76.2967, 0.3574, 0.3567



76.2967, 0.2706, 0.3166

# Square

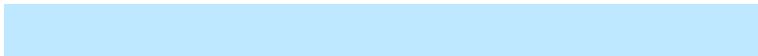
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2967, 0.3574, 0.3567



76.2967, 0.3020, 0.3579



76.2967, 0.2698, 0.2995



76.2967, 0.3223, 0.3025



# Rectangle

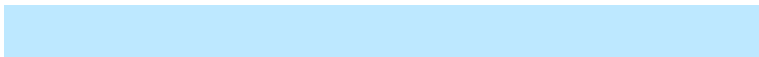
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2967, 0.3574, 0.3567



76.2967, 0.3327, 0.3700



76.2967, 0.2698, 0.2995



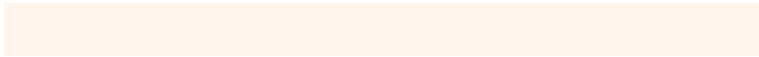
76.2967, 0.2919, 0.2908

# Sweetspot

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



76.3002, 0.3574, 0.3567



92.6485, 0.3240, 0.3366



65.0018, 0.3356, 0.2936



19.6993, 0.3250, 0.3373



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.



76.3002, 0.3574, 0.3567



72.3383, 0.3680, 0.3624



93.9858, 0.3504, 0.3862



19.2903, 0.3283, 0.3394



17.3579, 0.5597, 0.3938

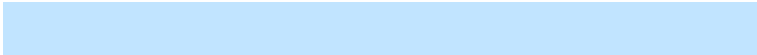


1.9028, 0.5399, 0.4095

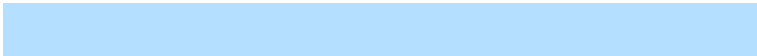


# Inverse Universe

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



74.0077, 0.2743, 0.2996



69.6911, 0.2667, 0.2930



58.5501, 0.2713, 0.2646



19.0775, 0.2979, 0.3184



14.4645, 0.1831, 0.1793



1.6259, 0.1883, 0.1978



# Previews

## White Background



This preview shows how the Yxy color 76.2967, 0.3574, 0.3567 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 76.2967, 0.3574, 0.3567 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

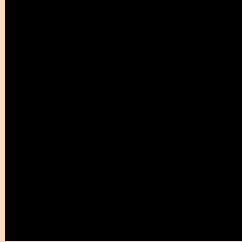
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 76.2967, 0.3574, 0.3567**

## **Background**



This preview shows how black text looks on a background with the Yxy color 76.2967, 0.3574, 0.3567.

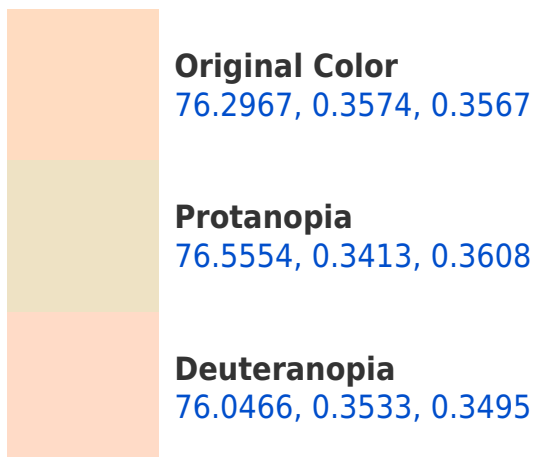


This preview shows how white text looks on a background with the Yxy color 76.2967, 0.3574, 0.3567.

# 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

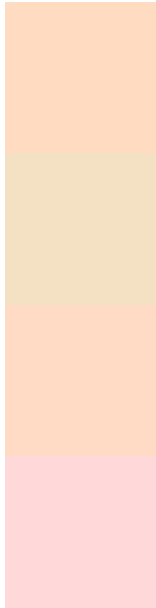




## Tritanopia

76.1413, 0.3309, 0.3141

# Trichromacy



**Original Color**

76.2967, 0.3574, 0.3567

**Protanomaly**

76.4845, 0.3469, 0.3594

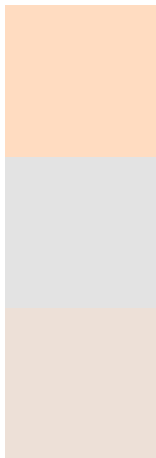
**Deuteranomaly**

75.9543, 0.3548, 0.3516

**Tritanomaly**

75.8955, 0.3407, 0.3291

# Monochromacy



**Original Color**

76.2967, 0.3574, 0.3567

**Achromatopsia**

76.8151, 0.3127, 0.3290

**Achromatomaly**

76.2221, 0.3279, 0.3385

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 76.2967, 0.3574, 0.3567 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, 220, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 193)  
}
```

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, 220, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 76.2967, 0.3574, 0.3567 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, 220, 193) }
```

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

```
.border{ border-color:rgb(255, 220, 193) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
193) }
```



# Background

The CSS property to change the background color of an element to  $\text{Yxy } 76.2967, 0.3574, 0.3567$  is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 193) }
```

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

```
.background{ background-color: rgb(255,  
220, 193) }
```

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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