

# Converting Colors

$Y_{xy}(74.0199, 0.3579, 0.3514)$

Have a look what the booklet for  
Yxy(74.0199, 0.3579, 0.3514)  
contains.

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# Color

**Yxy(74.2668, 0.3577, 0.3517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD8C2
RGB	255, 216, 194
RGB Percent	100%, 85%, 76%
CMY	0.0000, 0.1529, 0.2394
CMYK	0.00, 0.15, 0.24, 0.00
HSL	22°, 100%, 88%
HSV	22°, 24%, 100%
XYZ	75.5338, 74.2668, 61.3646
YIQ	225.1530, 30.3060, 1.4260

# Conversions

## Conversions Part 2

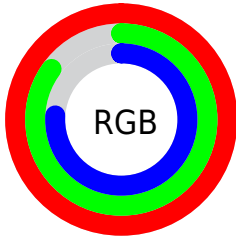
Format	Color
R <sub>Y</sub> B	255, 228, 194
Decimal	16767170
CIE Lab	89.05, 10.34, 15.92
CIE LCh	89, 18.978, 56.998
Yxy	74.2668, 0.3577, 0.3517
Android (android.graphics.Color)	4294957250 (0xFFFFD8C2)
YUV	225.1530, -15.3584, 26.1758
Hunter-Lab	86.1782, 5.6405, 18.1063

# Details

The Yxy color **74.2668, 0.3577, 0.3517** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9325, 0.2753, 0.3051**, and the grayscale version is **75.5041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **39.3890, 0.3692, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **65.2808, 0.3820, 0.3618**, and if you desaturate by 10%, it is **84.2770, 0.3368, 0.3419**.

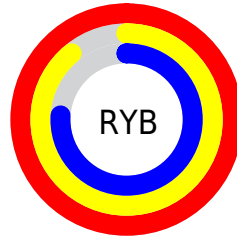
# Distribution



Red (100%)

Green (85%)

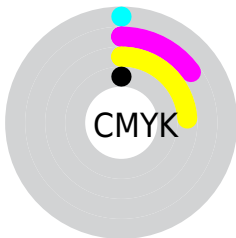
Blue (76%)



Red (100%)

Yellow (89%)

Blue (76%)

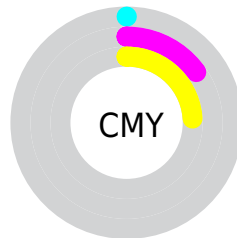


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2668, 0.3577, 0.3517 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 74.2668, 0.3577, 0.3517 by changing the saturation by 10% instead.




 74.2668, 0.3577,  
0.3517

 74.2668, 0.3577,  
0.3517


475.3937, 0.3368,  
0.3416

 55.0124, 0.3625,  
0.3539


 125.2739, 0.3504,  
0.3483

 39.4117, 0.3684,  
0.3566

157.7955, 0.3476,  
0.3469

 27.0801, 0.3759,  
0.3598


195.5083, 0.3452,  
0.3457

 17.6334, 0.3856,  
0.3640

238.7966, 0.3431,  
0.3447

 10.6871, 0.3989,  
0.3693

288.0449, 0.3412,  
0.3438

 5.8569, 0.4178,  
0.3763

343.6376, 0.3396,

 2.7582, 0.4468,

0.3430

0.3854

405.9591, 0.3381,  
0.3423

1.0069, 0.5556,  
0.4444

0.0000, 1.0000,  
0.0000

74.2668, 0.3577,  
0.3517

74.2668, 0.3577,  
0.3517

65.2808, 0.3820,  
0.3618

84.2770, 0.3368,  
0.3419

57.2847, 0.4100,  
0.3715

95.3434, 0.3190,  
0.3325

50.2427, 0.4413,  
0.3802

100.0000, 0.3127,  
0.3290

44.1161, 0.4751,  
0.3866

■ 38.8637, 0.5097,  
0.3896

■ 34.4402, 0.5423,  
0.3879

■ 30.7947, 0.5699,  
0.3808

■ 28.9331, 0.5838,  
0.3747

# Harmonies

## Analogous

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



74.2668, 0.3535, 0.3331



74.2668, 0.3577, 0.3517



74.2668, 0.3494, 0.3652

# Triad

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



74.2668, 0.3577, 0.3517



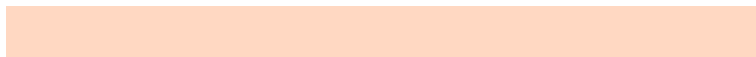
74.2668, 0.2876, 0.3440



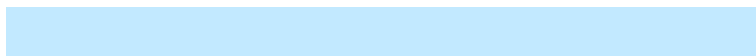
74.2668, 0.2933, 0.2916

# Complementary

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



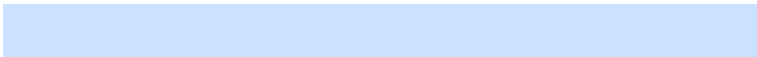
74.2668, 0.3577, 0.3517



76.9325, 0.2753, 0.3051

# 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.



74.2668, 0.2767, 0.2931



74.2668, 0.3577, 0.3517



74.2668, 0.2736, 0.3226

# Square

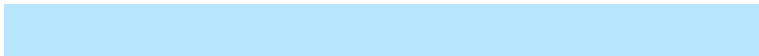
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2668, 0.3577, 0.3517



74.2668, 0.3086, 0.3615



74.2668, 0.2697, 0.3041



74.2668, 0.3156, 0.2994



# Rectangle

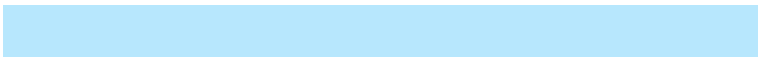
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2668, 0.3577, 0.3517



74.2668, 0.3381, 0.3691



74.2668, 0.2697, 0.3041



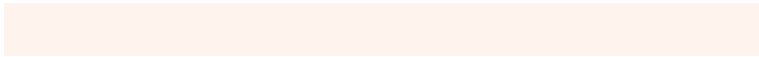
74.2668, 0.2869, 0.2910

# Sweetspot

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



74.2669, 0.3577, 0.3517



91.8427, 0.3241, 0.3353



65.7425, 0.3313, 0.2892



19.5129, 0.3252, 0.3359



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.



74.2669, 0.3577, 0.3517



69.5938, 0.3696, 0.3568



90.9691, 0.3510, 0.3806



19.0610, 0.3285, 0.3376



15.3751, 0.5808, 0.3771

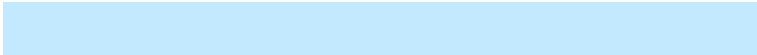


1.6955, 0.5592, 0.3942

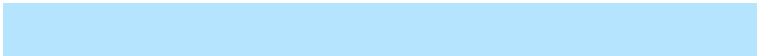


# Inverse Universe

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



76.9325, 0.2753, 0.3051



72.6955, 0.2674, 0.2993



61.4474, 0.2725, 0.2715



19.3131, 0.2980, 0.3202



17.7331, 0.1905, 0.2059

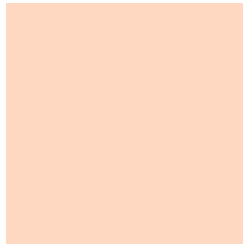


1.9341, 0.1949, 0.2215



# Previews

## White Background



This preview shows how the Yxy color 74.2668, 0.3577, 0.3517 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

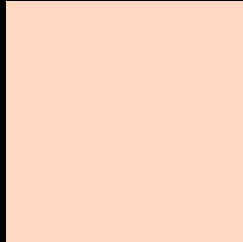
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.2668, 0.3577, 0.3517 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 74.2668, 0.3577, 0.3517**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.2668, 0.3577, 0.3517.



This preview shows how white text looks on a background with the Yxy color 74.2668, 0.3577, 0.3517.

# 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

74.2668, 0.3577, 0.3517

### Protanopia

74.3450, 0.3375, 0.3559

### Deuteranopia

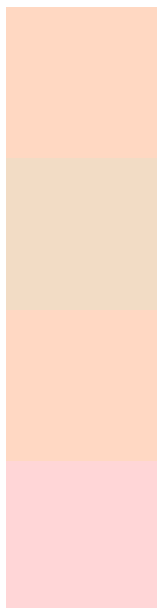
74.3119, 0.3569, 0.3506



## Tritanopia

74.3946, 0.3341, 0.3150

# Trichromacy



## Original Color

74.2668, 0.3577, 0.3517

## Protanomaly

74.0949, 0.3447, 0.3533

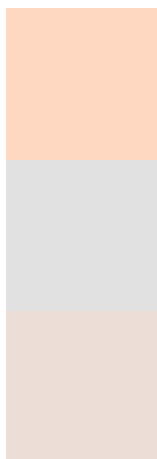
## Deuteranomaly

74.3119, 0.3569, 0.3506

## Tritanomaly

74.2594, 0.3426, 0.3281

# Monochromacy



## Original Color

74.2668, 0.3577, 0.3517

## Achromatopsia

75.2942, 0.3127, 0.3290

## Achromatomaly

74.9305, 0.3281, 0.3375

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.2668, 0.3577, 0.3517 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, 216, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 194)  
}
```

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, 216, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 74.2668, 0.3577, 0.3517 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, 216, 194) }
```

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

```
.border{ border-color:rgb(255, 216, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.2668, 0.3577, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 194) }
```

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

```
.background{ background-color: rgb(255,  
216, 194) }
```

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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