

# Converting Colors

$Yxy(74.9767, 0.3611, 0.3652)$

Have a look what the booklet for  
Yxy(74.9767, 0.3611, 0.3652)  
contains.

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# Color

**Yxy(74.8613, 0.3612, 0.3642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCDBB9
RGB	252, 219, 185
RGB Percent	99%, 86%, 73%
CMY	0.0116, 0.1412, 0.2744
CMYK	0.00, 0.13, 0.27, 0.01
HSL	30°, 92%, 86%
HSV	30°, 27%, 99%
XYZ	74.2447, 74.8613, 56.4440
YIQ	224.9910, 30.5820, -3.5780

# Conversions

## Conversions Part 2

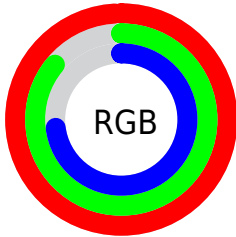
Format	Color
R <sub>Y</sub> B	250, 252, 185
Decimal	16571321
CIE Lab	89.33, 6.48, 20.94
CIE LCh	89, 21.917, 72.799
Yxy	74.8613, 0.3612, 0.3642
Android (android.graphics.Color)	4294761401 (0xFFFCDBB9)
YUV	224.9910, -19.7156, 23.6869
Hunter-Lab	86.5224, 1.7561, 21.8871

# Details

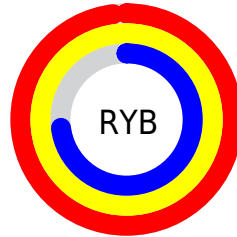
The Yxy color **74.8613, 0.3612, 0.3642** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.5225, 0.2701, 0.2910**, and the grayscale version is **75.4215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **39.8190, 0.3727, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **67.6490, 0.3839, 0.3780**, and if you desaturate by 10%, it is **82.7533, 0.3410, 0.3505**.

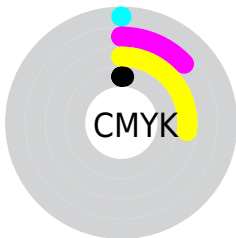
# Distribution



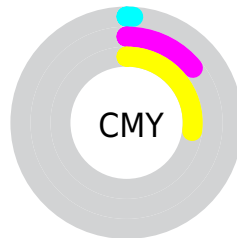
- Red (99%)
- Green (86%)
- Blue (73%)



- Red (98%)
- Yellow (99%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (1%)




- Cyan (1%)
- Magenta (14%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8613, 0.3612, 0.3642 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 74.8613, 0.3612, 0.3642 by changing the saturation by 10% instead.





 74.8613, 0.3612,  
0.3642

 74.8613, 0.3612,  
0.3642


477.4407, 0.3388,  
0.3483

 55.4993, 0.3663,  
0.3677


 126.1160, 0.3534,  
0.3588

 39.8016, 0.3725,  
0.3719

158.7775, 0.3504,  
0.3567

 27.3839, 0.3804,  
0.3772


196.6409, 0.3478,  
0.3548

 17.8617, 0.3906,  
0.3839

240.0906, 0.3456,  
0.3532

 10.8508, 0.4043,  
0.3925

289.5111, 0.3436,  
0.3518

 5.9666, 0.4234,  
0.4040

345.2866, 0.3418,

 2.8248, 0.4519,

0.3505

0.4195

407.8017, 0.3402,  
0.3494

1.0409, 0.5305,  
0.4695

0.0000, 1.0000,  
0.0000

74.8613, 0.3612,  
0.3642

74.8613, 0.3612,  
0.3642

67.6490, 0.3839,  
0.3780

82.7533, 0.3410,  
0.3505

61.0855, 0.4088,  
0.3913

91.3340, 0.3232,  
0.3373

55.1527, 0.4356,  
0.4030

99.4424, 0.3109,  
0.3290

49.8271, 0.4631,  
0.4120

■ 45.0834, 0.4901,  
0.4170

■ 40.8934, 0.5146,  
0.4168

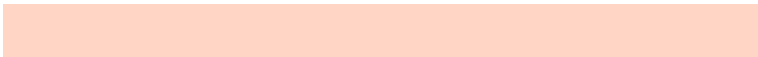
■ 37.2242, 0.5351,  
0.4110

■ 36.0797, 0.5414,  
0.4083

# Harmonies

## Analogous

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



74.8613, 0.3641, 0.3451



74.8613, 0.3612, 0.3642



74.8613, 0.3449, 0.3748

# Triad

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



74.8613, 0.3612, 0.3642



74.8613, 0.2741, 0.3332



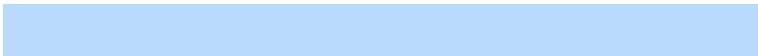
74.8613, 0.3034, 0.2897

# Complementary

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



74.8613, 0.3612, 0.3642



67.5225, 0.2701, 0.2910

# 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.



74.8613, 0.2802, 0.2856



74.8613, 0.3612, 0.3642



74.8613, 0.2639, 0.3094

# Square

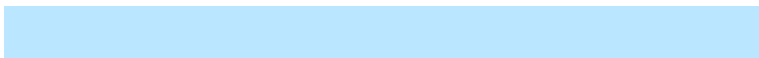
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8613, 0.3612, 0.3642



74.8613, 0.2945, 0.3570



74.8613, 0.2661, 0.2923



74.8613, 0.3300, 0.3032



# Rectangle

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



74.8613, 0.3612, 0.3642



74.8613, 0.3291, 0.3748



74.8613, 0.2661, 0.2923



74.8613, 0.2949, 0.2872

# Sweetspot

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



74.8647, 0.3612, 0.3642



92.5044, 0.3256, 0.3391



60.4972, 0.3419, 0.2945



19.5092, 0.3282, 0.3411



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.



74.8647, 0.3612, 0.3642



72.7742, 0.3732, 0.3717



93.8503, 0.3530, 0.3957



18.6797, 0.3281, 0.3410



19.0839, 0.5389, 0.4103

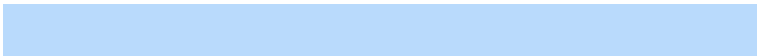


1.9797, 0.5208, 0.4247



# Inverse Universe

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



67.5225, 0.2701, 0.2910



64.0582, 0.2611, 0.2819



52.0522, 0.2664, 0.2523



18.0565, 0.2980, 0.3167



11.4972, 0.1765, 0.1552



1.2766, 0.1825, 0.1770



# Previews

## White Background



This preview shows how the Yxy color 74.8613, 0.3612, 0.3642 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

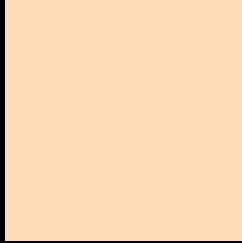
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.8613, 0.3612, 0.3642 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

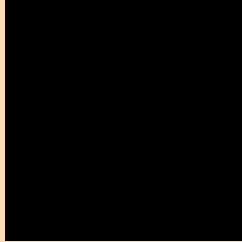
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.8613, 0.3612, 0.3642**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.8613, 0.3612, 0.3642.

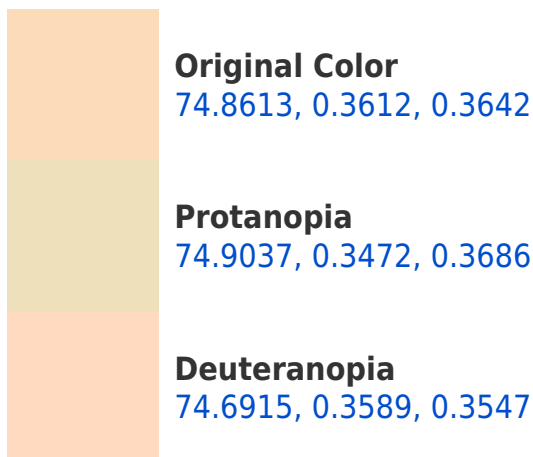


This preview shows how white text looks on a background with the Yxy color 74.8613, 0.3612, 0.3642.

# 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

75.0103, 0.3325, 0.3140

# Trichromacy



**Original Color**

74.8613, 0.3612, 0.3642

**Protanomaly**

74.6650, 0.3521, 0.3672

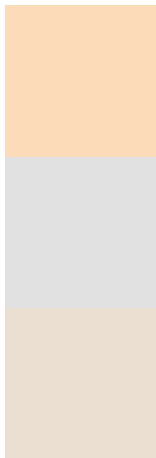
**Deuteranomaly**

74.8878, 0.3601, 0.3589

**Tritanomaly**

74.9867, 0.3430, 0.3321

# Monochromacy



**Original Color**

74.8613, 0.3612, 0.3642

**Achromatopsia**

75.2942, 0.3127, 0.3290

**Achromatomaly**

75.0907, 0.3300, 0.3428

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.8613, 0.3612, 0.3642 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(252, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(252, 219, 185)  
}
```

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(252, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 74.8613, 0.3612, 0.3642 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(252, 219, 185) }
```

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

```
.border{ border-color:rgb(252, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(252, 219,  
185) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.8613, 0.3612, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 185) }
```

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

```
.background{ background-color: rgb(252,  
219, 185) }
```

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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