

# Converting Colors

$Yxy(73.9401, 0.3377, 0.3420)$

Have a look what the booklet for  
Yxy(73.9401, 0.3377, 0.3420)  
contains.

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# Color

**Yxy(74.0453, 0.3378, 0.3417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2DBC <span style="color: #F2DBC;">F</span>
RGB	242, 219, 207
RGB Percent	95%, 86%, 81%
CMY	0.0511, 0.1411, 0.1883
CMYK	0.00, 0.09, 0.14, 0.05
HSL	21°, 57%, 88%
HSV	21°, 14%, 95%
XYZ	73.2002, 74.0453, 69.4513
YIQ	224.5090, 17.5600, 1.1440

# Conversions

## Conversions Part 2

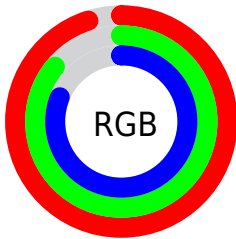
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 225, 207
Decimal	15915983
CIE <sub>Lab</sub>	88.94, 5.97, 8.78
CIE <sub>LCh</sub>	89, 10.613, 55.784
Yxy	74.0453, 0.3378, 0.3417
Android (android.graphics.Color)	4294106063 (0xFFFF2DBC)
YUV	224.5090, -8.6319, 15.3396
Hunter-Lab	86.0496, 1.2586, 12.3813

# Details

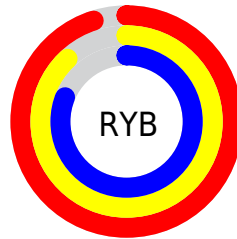
The Yxy color **74.0453, 0.3378, 0.3417** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2211, 0.2903, 0.3160**, and the grayscale version is **74.9763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2899, 0.3439, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **65.0647, 0.3590, 0.3511**, and if you desaturate by 10%, it is **84.0031, 0.3198, 0.3328**.

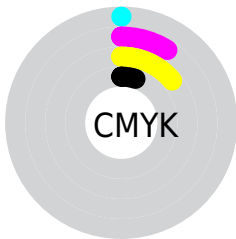
# Distribution



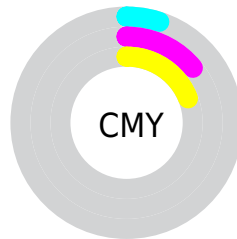
- Red (95%)
- Green (86%)
- Blue (81%)



- Red (95%)
- Yellow (88%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (5%)




- Cyan (5%)
- Magenta (14%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0453, 0.3378, 0.3417 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 74.0453, 0.3378, 0.3417 by changing the saturation by 10% instead.



 74.0453, 0.3378,  
0.3417

 74.0453, 0.3378,  
0.3417

474.6297, 0.3262,  
0.3360

 54.8311, 0.3405,  
0.3430


124.9600, 0.3338,  
0.3397

 39.2665, 0.3438,  
0.3446


157.4293, 0.3322,  
0.3390

 26.9671, 0.3480,  
0.3465


195.0858, 0.3308,  
0.3383

 17.5485, 0.3534,  
0.3490

238.3139, 0.3297,  
0.3377

 10.6264, 0.3609,  
0.3524

287.4979, 0.3286,  
0.3372

 5.8162, 0.3718,  
0.3571

343.0223, 0.3277,

 2.7336, 0.3888,

0.3367

0.3640

405.2714, 0.3269,  
0.3363

0.9943, 0.4324,  
0.3869

0.0000, 1.0000,  
0.0000

74.0453, 0.3378,  
0.3417

74.0453, 0.3378,  
0.3417

65.0647, 0.3590,  
0.3511

84.0031, 0.3198,  
0.3328

57.0213, 0.3837,  
0.3607

94.9332, 0.3048,  
0.3248

49.8865, 0.4121,  
0.3699

97.6107, 0.3047,  
0.3290

43.6266, 0.4441,  
0.3781

■ 38.2057, 0.4786,  
0.3840

■ 33.5849, 0.5139,  
0.3865

■ 29.7217, 0.5470,  
0.3843

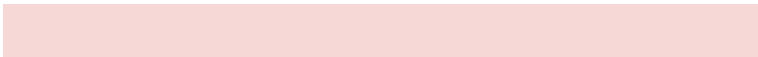
■ 26.5685, 0.5749,  
0.3770

■ 25.1007, 0.5878,  
0.3715

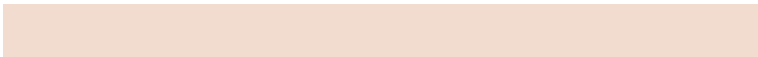
# Harmonies

## Analogous

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



74.0453, 0.3351, 0.3312



74.0453, 0.3378, 0.3417



74.0453, 0.3336, 0.3491

# Triad

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



74.0453, 0.3378, 0.3417



74.0453, 0.2991, 0.3378



74.0453, 0.3015, 0.3076

# Complementary

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



74.0453, 0.3378, 0.3417



76.2211, 0.2903, 0.3160

# 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.



74.0453, 0.2921, 0.3089



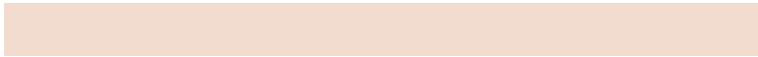
74.0453, 0.3378, 0.3417



74.0453, 0.2908, 0.3262

# Square

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



74.0453, 0.3378, 0.3417



74.0453, 0.3111, 0.3471



74.0453, 0.2883, 0.3156



74.0453, 0.3140, 0.3118



# Rectangle

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



74.0453, 0.3378, 0.3417



74.0453, 0.3275, 0.3512



74.0453, 0.2883, 0.3156



74.0453, 0.2979, 0.3074

# Sweetspot

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



74.0486, 0.3378, 0.3417



95.1665, 0.3191, 0.3324



69.2165, 0.3226, 0.3049



20.1793, 0.3203, 0.3331



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

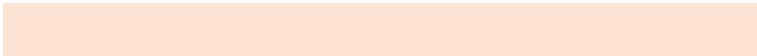


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0486, 0.3378, 0.3417



80.6996, 0.3430, 0.3441



83.4420, 0.3353, 0.3591



16.6484, 0.3285, 0.3372



13.7177, 0.5848, 0.3738



1.3199, 0.5595, 0.3939

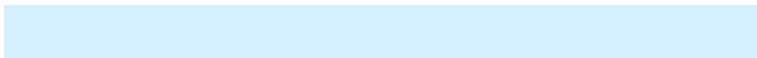


# Inverse Universe

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



76.2211, 0.2903, 0.3160



83.5317, 0.2862, 0.3134



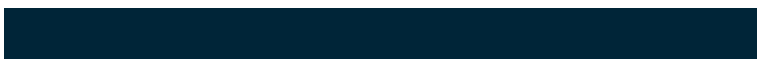
67.1640, 0.2896, 0.2970



16.9595, 0.2980, 0.3207



16.9745, 0.1923, 0.2123

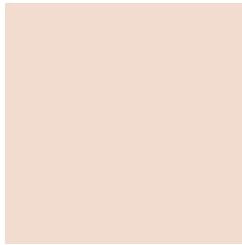


1.5966, 0.1971, 0.2295



# Previews

## White Background



This preview shows how the Yxy color 74.0453, 0.3378, 0.3417 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 74.0453, 0.3378, 0.3417 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

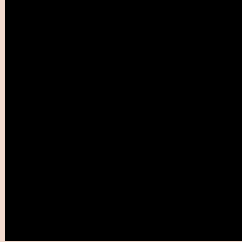
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

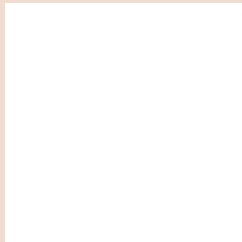
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.0453, 0.3378, 0.3417**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.0453, 0.3378, 0.3417.

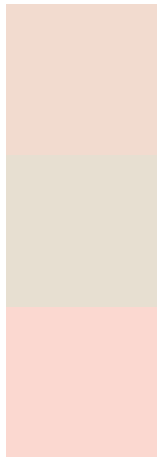


This preview shows how white text looks on a background with the Yxy color 74.0453, 0.3378, 0.3417.

# 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

74.0453, 0.3378, 0.3417

### Protanopia

74.3677, 0.3278, 0.3440

### Deuteranopia

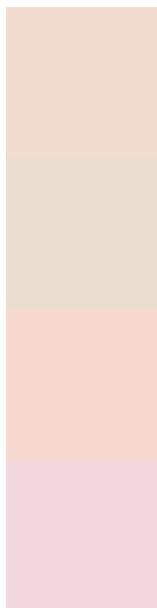
74.1750, 0.3444, 0.3373



## Tritanopia

73.8396, 0.3230, 0.3117

# Trichromacy



## Original Color

74.0453, 0.3378, 0.3417

## Protanomaly

74.4588, 0.3315, 0.3439

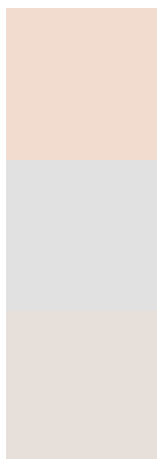
## Deuteranomaly

74.1362, 0.3419, 0.3384

## Tritanomaly

73.6725, 0.3284, 0.3218

# Monochromacy



## Original Color

74.0453, 0.3378, 0.3417

## Achromatopsia

75.2942, 0.3127, 0.3290

## Achromatomaly

74.8262, 0.3217, 0.3343

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.0453, 0.3378, 0.3417 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(242, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 207)  
}
```

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(242, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 207) }
```

## Border

The CSS property to change the border of an element to Yxy 74.0453, 0.3378, 0.3417 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(242, 219, 207) }
```

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

```
.border{ border-color:rgb(242, 219, 207) }
```

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

Here you see how a box with a 4 pixel rgb(242, 219, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
207) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.0453, 0.3378, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 207) }
```

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

```
.background{ background-color: rgb(242,  
219, 207) }
```

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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