

# Converting Colors

$Y_{xy}(74.0272, 0.3470, 0.3446)$

Have a look what the booklet for  
Yxy(74.0272, 0.3470, 0.3446)  
contains.

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# Color

**Yxy(74.0297, 0.3470, 0.3446)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9D9CA
RGB	249, 217, 202
RGB Percent	98%, 85%, 79%
CMY	0.0235, 0.1490, 0.2077
CMYK	0.00, 0.13, 0.19, 0.02
HSL	19°, 80%, 88%
HSV	19°, 19%, 98%
XYZ	74.5453, 74.0297, 66.2529
YIQ	224.8580, 23.8870, 2.1190

# Conversions

## Conversions Part 2

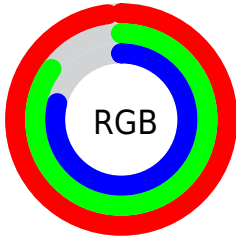
Format	Color
R <sub>Y</sub> B	249, 224, 202
Decimal	16374218
CIE Lab	88.94, 8.79, 11.45
CIE LCh	89, 14.433, 52.482
Yxy	74.0297, 0.3470, 0.3446
Android (android.graphics.Color)	4294564298 (0xFFF9D9CA)
YUV	224.8580, -11.2690, 21.1725
Hunter-Lab	86.0405, 4.0811, 14.5739

# Details

The Yxy color **74.0297, 0.3470, 0.3446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2668, 0.2834, 0.3129**, and the grayscale version is **75.2611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1852, 0.3551, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **64.6459, 0.3700, 0.3535**, and if you desaturate by 10%, it is **84.5096, 0.3275, 0.3361**.

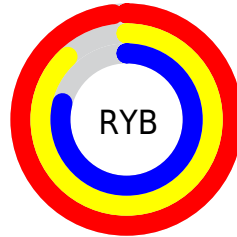
# Distribution



Red (98%)

Green (85%)

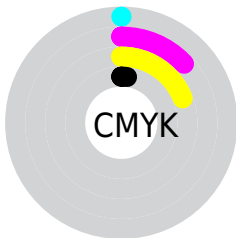
Blue (79%)



Red (98%)

Yellow (88%)

Blue (79%)

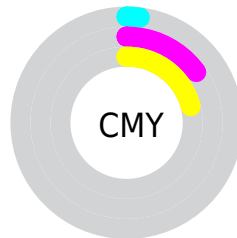


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (2%)



Cyan (2%)

Magenta (15%)


Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0297, 0.3470, 0.3446 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 74.0297, 0.3470, 0.3446 by changing the saturation by 10% instead.



 74.0297, 0.3470,  
0.3446

 74.0297, 0.3470,  
0.3446


474.5759, 0.3311,  
0.3376

 54.8183, 0.3507,  
0.3461


124.9379, 0.3415,  
0.3422

 39.2563, 0.3552,  
0.3480


157.4036, 0.3393,  
0.3413

 26.9592, 0.3609,  
0.3503


195.0561, 0.3375,  
0.3405

 17.5426, 0.3684,  
0.3533

238.2799, 0.3359,  
0.3398

 10.6221, 0.3787,  
0.3571

287.4594, 0.3344,  
0.3391

 5.8133, 0.3934,  
0.3623

342.9790, 0.3332,

 2.7319, 0.4165,

0.3386

405.2230, 0.3321,  
0.3381

0.3696

0.9934, 0.4848,  
0.4029

0.0000, 1.0000,  
0.0000

74.0297, 0.3470,  
0.3446

74.0297, 0.3470,  
0.3446

64.6459, 0.3700,  
0.3535

84.5096, 0.3275,  
0.3361

56.3120, 0.3970,  
0.3623

96.1099, 0.3110,  
0.3281

48.9931, 0.4279,  
0.3705

98.8816, 0.3090,  
0.3290

42.6486, 0.4622,  
0.3772

■ 37.2349, 0.4986,  
0.3812

■ 32.7046, 0.5346,  
0.3813

■ 29.0054, 0.5667,  
0.3764

■ 26.0744, 0.5921,  
0.3671

■ 25.7856, 0.5947,  
0.3660

# Harmonies

## Analogous

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



74.0297, 0.3423, 0.3301



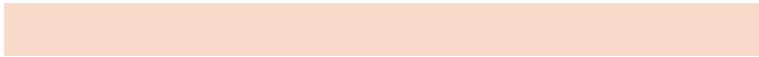
74.0297, 0.3470, 0.3446



74.0297, 0.3422, 0.3555

# Triad

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



74.0297, 0.3470, 0.3446



74.0297, 0.2958, 0.3427



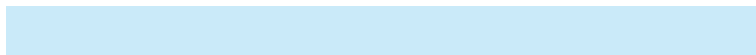
74.0297, 0.2957, 0.3000

# Complementary

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



74.0297, 0.3470, 0.3446



78.2668, 0.2834, 0.3129

# 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.



74.0297, 0.2838, 0.3024



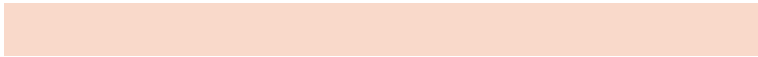
74.0297, 0.3470, 0.3446



74.0297, 0.2839, 0.3268

# Square

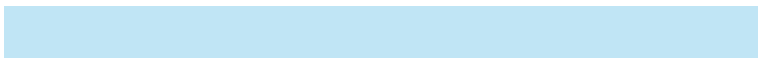
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0297, 0.3470, 0.3446



74.0297, 0.3123, 0.3549



74.0297, 0.2796, 0.3120



74.0297, 0.3124, 0.3049



# Rectangle

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



74.0297, 0.3470, 0.3446



74.0297, 0.3343, 0.3591



74.0297, 0.2796, 0.3120



74.0297, 0.2910, 0.3000

# Sweetspot

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



74.0330, 0.3470, 0.3446



92.5821, 0.3225, 0.3338



68.3433, 0.3255, 0.2964



19.6491, 0.3236, 0.3343



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.



74.0330, 0.3470, 0.3446



73.8837, 0.3561, 0.3483



86.9609, 0.3427, 0.3679



18.1280, 0.3286, 0.3366



14.0268, 0.5918, 0.3683

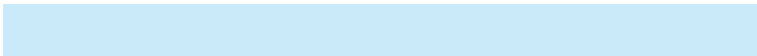


1.4815, 0.5686, 0.3867

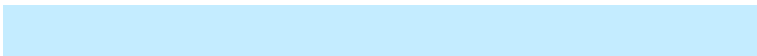


# Inverse Universe

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



78.2668, 0.2834, 0.3129



79.1713, 0.2770, 0.3089



65.8105, 0.2819, 0.2869



18.6210, 0.2980, 0.3213



19.2462, 0.1948, 0.2213

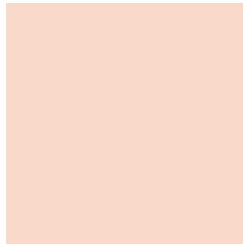


1.9735, 0.1988, 0.2356



# Previews

## White Background



This preview shows how the Yxy color 74.0297, 0.3470, 0.3446 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 74.0297, 0.3470, 0.3446 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

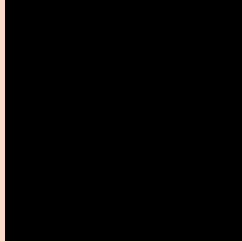
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.0297, 0.3470, 0.3446**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.0297, 0.3470, 0.3446.

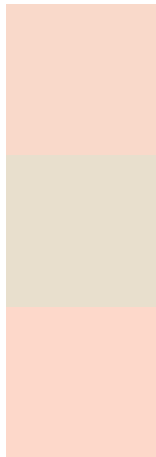


This preview shows how white text looks on a background with the Yxy color 74.0297, 0.3470, 0.3446.

# 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

74.0297, 0.3470, 0.3446

### Protanopia

74.3389, 0.3312, 0.3483

### Deuteranopia

74.2586, 0.3502, 0.3435



## Tritanopia

73.9971, 0.3297, 0.3119

# Trichromacy



**Original Color**

74.0297, 0.3470, 0.3446

**Protanomaly**

74.2497, 0.3366, 0.3471

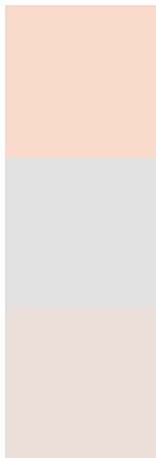
**Deuteranomaly**

74.0714, 0.3495, 0.3435

**Tritanomaly**

73.7697, 0.3360, 0.3230

# Monochromacy



**Original Color**

74.0297, 0.3470, 0.3446

**Achromatopsia**

75.2942, 0.3127, 0.3290

**Achromatomaly**

74.7447, 0.3246, 0.3343

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.0297, 0.3470, 0.3446 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(249, 217, 202)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 202)  
}
```

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(249, 217, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 202) }
```

## Border

The CSS property to change the border of an element to Yxy 74.0297, 0.3470, 0.3446 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(249, 217, 202) }
```

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

```
.border{ border-color:rgb(249, 217, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
202) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.0297, 0.3470, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 202) }
```

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

```
.background{ background-color: rgb(249,  
217, 202) }
```

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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