

# Converting Colors

Yxy(74.9187, 0.3368, 0.3438)

Have a look what the booklet for  
Yxy(74.9187, 0.3368, 0.3438)  
contains.

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# Color

**Yxy(74.9187, 0.3368, 0.3438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1DDCF
RGB	241, 221, 207
RGB Percent	95%, 87%, 81%
CMY	0.0549, 0.1333, 0.1884
CMYK	0.00, 0.08, 0.14, 0.05
HSL	25°, 55%, 88%
HSV	25°, 14%, 95%
XYZ	73.3933, 74.9187, 69.6016
YIQ	225.3840, 16.4140, -0.1140

# Conversions

## Conversions Part 2

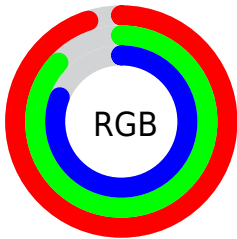
Format	Color
R <sub>Y</sub> B	241, 231, 207
Decimal	15850959
CIE Lab	89.35, 4.60, 9.36
CIE LCh	89, 10.429, 63.835
Yxy	74.9187, 0.3368, 0.3438
Android (android.graphics.Color)	4294041039 (0xFFFF1DDCF)
YUV	225.3840, -9.0633, 13.6952
Hunter-Lab	86.5556, -0.1163, 12.9123

# Details

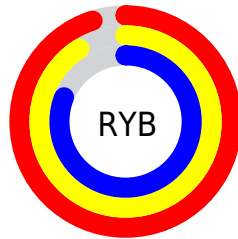
The Yxy color **74.9187, 0.3368, 0.3438** is a light color, and the websafe version is hex **CCCCCC**, and the color name is **champagne pink**. A complement of this color would be **74.5336, 0.2907, 0.3137**, and the grayscale version is **75.6446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8866, 0.3424, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **66.6663, 0.3572, 0.3550**, and if you desaturate by 10%, it is **83.9885, 0.3192, 0.3332**.

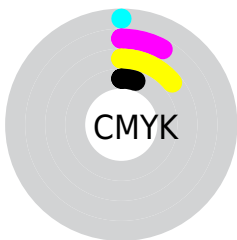
# Distribution



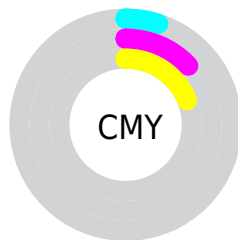
- Red (95%)
- Green (87%)
- Blue (81%)



- Red (95%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (5%)




- Cyan (5%)
- Magenta (13%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9187, 0.3368, 0.3438 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 74.9187, 0.3368, 0.3438 by changing the saturation by 10% instead.




 74.9187, 0.3368,  
0.3438

 74.9187, 0.3368,  
0.3438


477.6381, 0.3257,  
0.3371

 55.5463, 0.3393,  
0.3453


126.1973, 0.3329,  
0.3415

 39.8393, 0.3425,  
0.3472


158.8722, 0.3314,  
0.3406

 27.4132, 0.3465,  
0.3495


196.7501, 0.3301,  
0.3398

 17.8838, 0.3517,  
0.3525

240.2154, 0.3290,  
0.3391

 10.8666, 0.3588,  
0.3565

289.6525, 0.3280,  
0.3385

 5.9772, 0.3690,  
0.3621

345.4457, 0.3271,

 2.8312, 0.3849,

0.3380

0.3704

407.9794, 0.3264,  
0.3375

1.0443, 0.4253,  
0.3955

0.0000, 1.0000,  
0.0000

74.9187, 0.3368,  
0.3438

74.9187, 0.3368,  
0.3438

66.6663, 0.3572,  
0.3550

83.9885, 0.3192,  
0.3332

59.1976, 0.3807,  
0.3663

93.8774, 0.3042,  
0.3234

52.4912, 0.4073,  
0.3774

97.4424, 0.3041,  
0.3290

46.5207, 0.4368,  
0.3873

■ 41.2582, 0.4683,  
0.3950

■ 36.6732, 0.5002,  
0.3990

■ 32.7328, 0.5302,  
0.3983

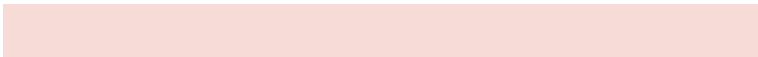
■ 29.3997, 0.5560,  
0.3920

■ 27.7012, 0.5689,  
0.3865

# Harmonies

## Analogous

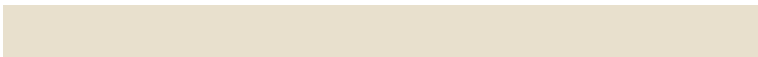
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9187, 0.3360, 0.3340



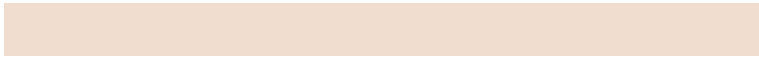
74.9187, 0.3368, 0.3438



74.9187, 0.3310, 0.3499

# Triad

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



74.9187, 0.3368, 0.3438



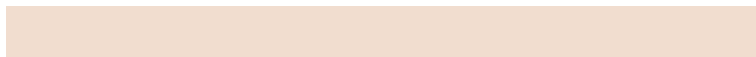
74.9187, 0.2967, 0.3347



74.9187, 0.3048, 0.3087

# Complementary

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



74.9187, 0.3368, 0.3438



74.5336, 0.2907, 0.3137

# 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.



74.9187, 0.2946, 0.3085



74.9187, 0.3368, 0.3438



74.9187, 0.2900, 0.3232

# Square

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



74.9187, 0.3368, 0.3438



74.9187, 0.3078, 0.3447



74.9187, 0.2892, 0.3137



74.9187, 0.3173, 0.3141



# Rectangle

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



74.9187, 0.3368, 0.3438



74.9187, 0.3243, 0.3508



74.9187, 0.2892, 0.3137



74.9187, 0.3010, 0.3080

# Sweetspot

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



74.9220, 0.3368, 0.3438



95.5958, 0.3190, 0.3331



68.8797, 0.3239, 0.3078



20.2878, 0.3203, 0.3338



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

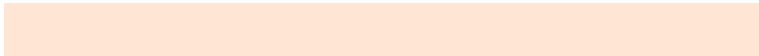


# Same Dimension

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



74.9220, 0.3368, 0.3438



82.3271, 0.3425, 0.3470



84.1251, 0.3344, 0.3607



16.8296, 0.3283, 0.3388



15.2713, 0.5661, 0.3887



1.4619, 0.5424, 0.4075

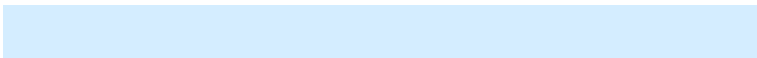


# Inverse Universe

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



74.5336, 0.2907, 0.3137



81.8041, 0.2861, 0.3103



65.8886, 0.2901, 0.2953



16.7724, 0.2980, 0.3190



14.1440, 0.1856, 0.1880

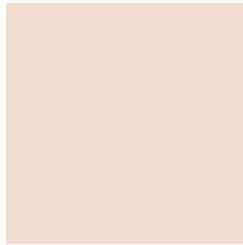


1.3722, 0.1912, 0.2084



# Previews

## White Background



This preview shows how the Yxy color 74.9187, 0.3368, 0.3438 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 74.9187, 0.3368, 0.3438 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

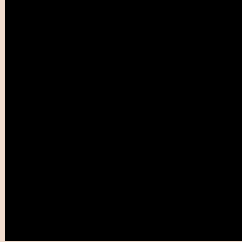
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.9187, 0.3368, 0.3438**

## Background



This preview shows how black text looks on a background with the Yxy color 74.9187, 0.3368, 0.3438.

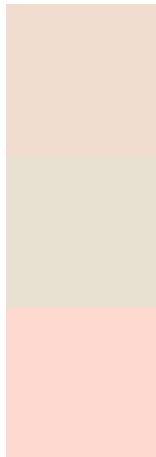


This preview shows how white text looks on a background with the Yxy color 74.9187, 0.3368, 0.3438.

# 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

74.9187, 0.3368, 0.3438

### Protanopia

75.0212, 0.3291, 0.3461

### Deuteranopia

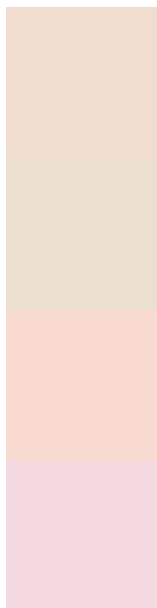
75.0624, 0.3457, 0.3383



## Tritanopia

74.9787, 0.3214, 0.3117

# Trichromacy



## Original Color

74.9187, 0.3368, 0.3438

## Protanomaly

74.9916, 0.3314, 0.3450

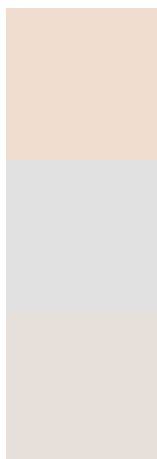
## Deuteranomaly

74.8366, 0.3425, 0.3394

## Tritanomaly

74.7577, 0.3275, 0.3229

# Monochromacy



## Original Color

74.9187, 0.3368, 0.3438

## Achromatopsia

75.2942, 0.3127, 0.3290

## Achromatomaly

75.3622, 0.3216, 0.3354

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.9187, 0.3368, 0.3438 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(241, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(241, 221, 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(241, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 221, 207) }
```

## Border

The CSS property to change the border of an element to Yxy 74.9187, 0.3368, 0.3438 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(241, 221, 207) }
```

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

```
.border{ border-color:rgb(241, 221, 207) }
```

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

Here you see how a box with a 4 pixel rgb(241, 221, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(241, 221,  
207) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.9187, 0.3368, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 221, 207) }
```

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

```
.background{ background-color: rgb(241,  
221, 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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