

# Converting Colors

$Yxy(73.1470, 0.3465, 0.3488)$

Have a look what the booklet for  
Yxy(73.1470, 0.3465, 0.3488)  
contains.

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# Color

**Yxy(73.1154, 0.3469, 0.3490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D9C6
RGB	245, 217, 198
RGB Percent	96%, 85%, 78%
CMY	0.0390, 0.1491, 0.2235
CMYK	0.00, 0.11, 0.19, 0.04
HSL	24°, 70%, 87%
HSV	24°, 19%, 96%
XYZ	72.6755, 73.1154, 63.7089
YIQ	223.2060, 22.7870, 0.0270

# Conversions

## Conversions Part 2

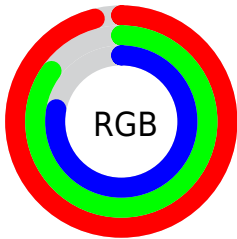
Format	Color
R <sub>Y</sub> B	245, 230, 198
Decimal	16112070
CIE Lab	88.50, 6.77, 12.90
CIE LCh	89, 14.567, 62.299
Yxy	73.1154, 0.3469, 0.3490
Android (android.graphics.Color)	4294302150 (0xFFF5D9C6)
YUV	223.2060, -12.4266, 19.1133
Hunter-Lab	85.5075, 2.0744, 15.6802

# Details

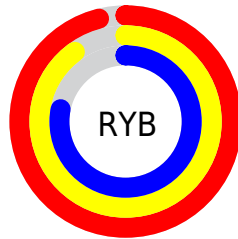
The Yxy color **73.1154, 0.3469, 0.3490** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0307, 0.2827, 0.3081**, and the grayscale version is **74.0295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5456, 0.3549, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **64.8737, 0.3690, 0.3601**, and if you desaturate by 10%, it is **82.2140, 0.3278, 0.3383**.

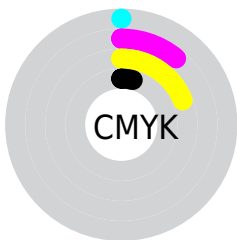
# Distribution



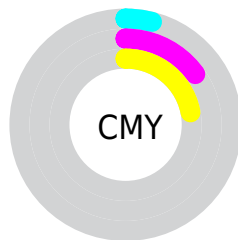
- Red (96%)
- Green (85%)
- Blue (78%)



- Red (96%)
- Yellow (90%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (4%)




- Cyan (4%)
- Magenta (15%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1154, 0.3469, 0.3490 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 73.1154, 0.3469, 0.3490 by changing the saturation by 10% instead.



 73.1154, 0.3469,  
0.3490

 73.1154, 0.3469,  
0.3490

471.4147, 0.3310,  
0.3399

 54.0703, 0.3505,  
0.3510


123.6410, 0.3414,  
0.3459

 38.6579, 0.3551,  
0.3535

155.8904, 0.3392,  
0.3447

 26.4937, 0.3608,  
0.3566


193.3099, 0.3374,  
0.3436

 17.1933, 0.3683,  
0.3605

236.2841, 0.3358,  
0.3427

 10.3724, 0.3785,  
0.3657

285.1972, 0.3344,  
0.3419

 5.6466, 0.3933,  
0.3729

340.4338, 0.3331,

 2.6314, 0.4163,

0.3412

0.3832

402.3781, 0.3320,  
0.3405

0.9425, 0.5032,  
0.4394

0.0000, 1.0000,  
0.0000

73.1154, 0.3469,  
0.3490

73.1154, 0.3469,  
0.3490

64.8737, 0.3690,  
0.3601

82.2140, 0.3278,  
0.3383

57.4531, 0.3943,  
0.3712

92.1845, 0.3115,  
0.3282

50.8294, 0.4227,  
0.3816

98.1618, 0.3066,  
0.3290

44.9734, 0.4537,  
0.3903

■ 39.8538, 0.4861,  
0.3960

■ 35.4369, 0.5179,  
0.3976

■ 31.6849, 0.5464,  
0.3939

■ 28.5508, 0.5698,  
0.3851

■ 28.3235, 0.5716,  
0.3843

# Harmonies

## Analogous

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



73.1154, 0.3453, 0.3351



73.1154, 0.3469, 0.3490



73.1154, 0.3390, 0.3581

# Triad

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



73.1154, 0.3469, 0.3490



73.1154, 0.2909, 0.3378



73.1154, 0.3006, 0.3005

# Complementary

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



73.1154, 0.3469, 0.3490



73.0307, 0.2827, 0.3081

# 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.



73.1154, 0.2866, 0.3004



73.1154, 0.3469, 0.3490



73.1154, 0.2812, 0.3215

# Square

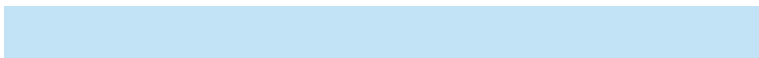
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1154, 0.3469, 0.3490



73.1154, 0.3065, 0.3519



73.1154, 0.2796, 0.3079



73.1154, 0.3182, 0.3076



# Rectangle

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



73.1154, 0.3469, 0.3490



73.1154, 0.3297, 0.3599



73.1154, 0.2796, 0.3079



73.1154, 0.2954, 0.2996

# Sweetspot

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



73.1187, 0.3469, 0.3490



93.3683, 0.3224, 0.3350



65.3149, 0.3287, 0.2998



19.8347, 0.3235, 0.3357



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.



73.1187, 0.3469, 0.3490



76.4566, 0.3550, 0.3532



86.0239, 0.3425, 0.3724



17.5802, 0.3283, 0.3386



15.5058, 0.5687, 0.3866



1.5588, 0.5460, 0.4047

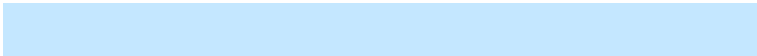


# Inverse Universe

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



73.0307, 0.2827, 0.3081



76.3414, 0.2765, 0.3034



61.1757, 0.2811, 0.2816



17.5706, 0.2980, 0.3192



14.9279, 0.1864, 0.1910

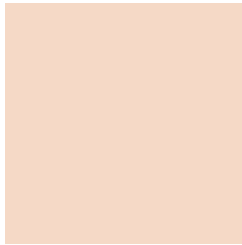


1.5132, 0.1917, 0.2101



# Previews

## White Background



This preview shows how the Yxy color 73.1154, 0.3469, 0.3490 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 73.1154, 0.3469, 0.3490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

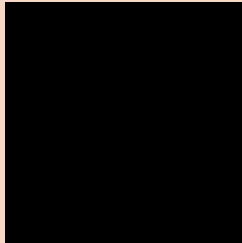
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 73.1154, 0.3469, 0.3490**

## **Background**



This preview shows how black text looks on a background with the Yxy color 73.1154, 0.3469, 0.3490.

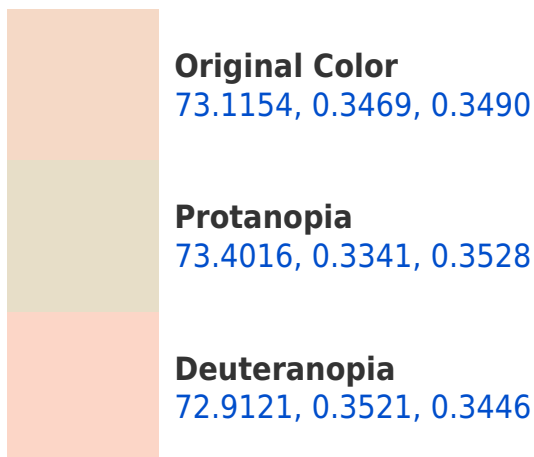


This preview shows how white text looks on a background with the Yxy color 73.1154, 0.3469, 0.3490.

# 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

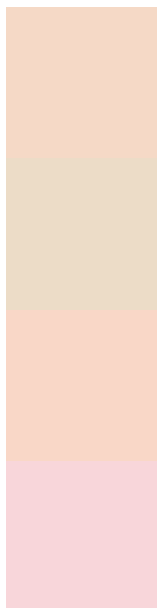




## Tritanopia

72.8838, 0.3283, 0.3118

# Trichromacy



## Original Color

73.1154, 0.3469, 0.3490

## Protanomaly

73.1428, 0.3388, 0.3515

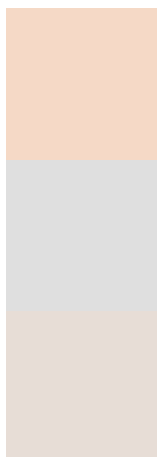
## Deuteranomaly

72.8641, 0.3496, 0.3457

## Tritanomaly

73.1115, 0.3352, 0.3250

# Monochromacy



## Original Color

73.1154, 0.3469, 0.3490

## Achromatopsia

73.7910, 0.3127, 0.3290

## Achromatomaly

73.5569, 0.3246, 0.3365

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 73.1154, 0.3469, 0.3490 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(245, 217, 198)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 198)  
}
```

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(245, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 198) }
```

## Border

The CSS property to change the border of an element to Yxy 73.1154, 0.3469, 0.3490 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(245, 217, 198) }
```

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

```
.border{ border-color:rgb(245, 217, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 198);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
198) }
```



# Background

The CSS property to change the background color of an element to Yxy 73.1154, 0.3469, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 198) }
```

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

```
.background{ background-color: rgb(245,  
217, 198) }
```

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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