

# Converting Colors

$Yxy(73.8193, 0.3736, 0.4004)$

Have a look what the booklet for  
Yxy(73.8193, 0.3736, 0.4004)  
contains.

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# Color

**Yxy(74.0192, 0.3733, 0.4010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2DF9B
RGB	242, 223, 155
RGB Percent	95%, 87%, 61%
CMY	0.0512, 0.1254, 0.3922
CMYK	0.00, 0.08, 0.36, 0.05
HSL	47°, 77%, 78%
HSV	47°, 36%, 95%
XYZ	68.9062, 74.0192, 41.6612
YIQ	220.9290, 33.1520, -17.1200

# Conversions

## Conversions Part 2

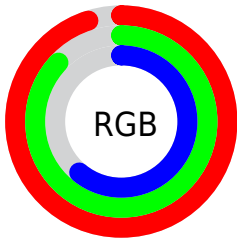
Format	Color
R <sub>Y</sub> B	179, 242, 155
Decimal	15916955
CIE Lab	88.93, -3.12, 35.72
CIE LCh	89, 35.857, 94.995
Yxy	74.0192, 0.3733, 0.4010
Android (android.graphics.Color)	4294107035 (0xFFFF2DF9B)
YUV	220.9290, -32.5030, 18.4793
Hunter-Lab	86.0344, -7.5971, 31.5136

# Details

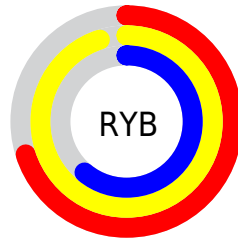
The Yxy color **74.0192, 0.3733, 0.4010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.6106, 0.2505, 0.2446**, and the grayscale version is **72.4658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **39.2988, 0.3868, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **70.5203, 0.3916, 0.4204**, and if you desaturate by 10%, it is **77.7752, 0.3553, 0.3807**.

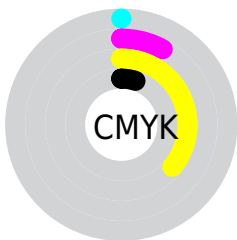
# Distribution



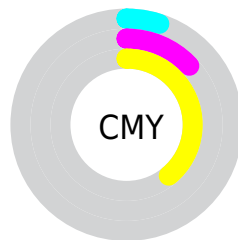
- Red (95%)
- Green (87%)
- Blue (61%)



- Red (70%)
- Yellow (95%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (5%)




- Cyan (5%)
- Magenta (13%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0192, 0.3733, 0.4010 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 74.0192, 0.3733, 0.4010 by changing the saturation by 10% instead.





 74.0192, 0.3733,  
0.4010


 74.0192, 0.3733,  
0.4010

474.5396, 0.3459,  
0.3680

 54.8098, 0.3793,  
0.4083


 124.9230, 0.3640,  
0.3897

 39.2494, 0.3865,  
0.4172


 157.3862, 0.3603,  
0.3853

 26.9538, 0.3953,  
0.4282


195.0361, 0.3571,  
0.3814

 17.5385, 0.4061,  
0.4419

238.2570, 0.3543,  
0.3781

 10.6192, 0.4197,  
0.4595

287.4335, 0.3519,  
0.3751

 5.8114, 0.4361,  
0.4818

342.9498, 0.3497,

 2.7307, 0.4716,

0.3725

0.5284

405.1904, 0.3477,  
0.3701

0.9928, 0.4652,  
0.5348

0.0000, 0.0000,  
0.0000

74.0192, 0.3733,  
0.4010

74.0192, 0.3733,  
0.4010

70.5203, 0.3916,  
0.4204

77.7752, 0.3553,  
0.3807

67.2577, 0.4094,  
0.4378

81.7877, 0.3380,  
0.3603

64.2233, 0.4261,  
0.4523

86.0694, 0.3218,  
0.3404

61.4038, 0.4407,  
0.4628

90.6287, 0.3068,  
0.3214

■ 58.7843, 0.4527,  
0.4686

■ 94.0491, 0.3048,  
0.3235

■ 56.3462, 0.4616,  
0.4697

■ 97.3542, 0.3047,  
0.3286

■ 55.3961, 0.4647,  
0.4692

■ 97.6067, 0.3047,  
0.3290

# Harmonies

## Analogous

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



74.0192, 0.3959, 0.3773



74.0192, 0.3733, 0.4010



74.0192, 0.3351, 0.4054

# Triad

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



74.0192, 0.3733, 0.4010



74.0192, 0.2368, 0.3048



74.0192, 0.3291, 0.2812

# Complementary

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



74.0192, 0.3733, 0.4010



43.6106, 0.2505, 0.2446

# 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.



74.0192, 0.2861, 0.2634



74.0192, 0.3733, 0.4010



74.0192, 0.2354, 0.2743

# Square

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



74.0192, 0.3733, 0.4010



74.0192, 0.2571, 0.3462



74.0192, 0.2527, 0.2604



74.0192, 0.3699, 0.3099

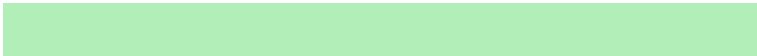


# Rectangle

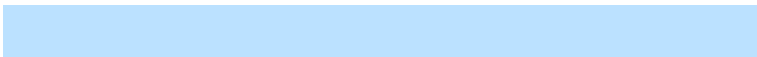
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0192, 0.3733, 0.4010



74.0192, 0.3065, 0.3945



74.0192, 0.2527, 0.2604



74.0192, 0.3143, 0.2738

# Sweetspot

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



74.0226, 0.3733, 0.4010



94.4918, 0.3299, 0.3505



45.4128, 0.3789, 0.3068



20.0854, 0.3321, 0.3532



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.



74.0226, 0.3733, 0.4010



80.5499, 0.3864, 0.4151



80.8570, 0.3502, 0.4239



17.8415, 0.3274, 0.3474



29.9853, 0.4638, 0.4699



2.6373, 0.4568, 0.4755



# Inverse Universe

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



43.6106, 0.2505, 0.2446



41.7227, 0.2365, 0.2242



39.3333, 0.2643, 0.2253



15.7861, 0.2980, 0.3100



4.9573, 0.1563, 0.0827

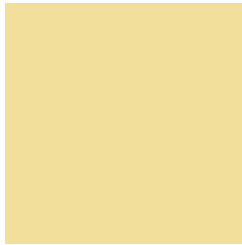


0.5544, 0.1628, 0.1062



# Previews

## White Background



This preview shows how the Yxy color 74.0192, 0.3733, 0.4010 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

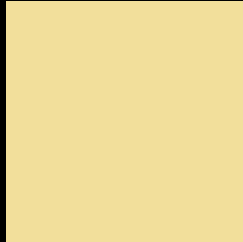
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.0192, 0.3733, 0.4010 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

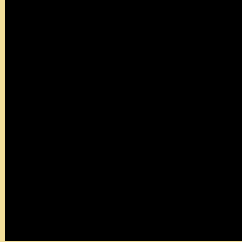
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.0192, 0.3733, 0.4010**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.0192, 0.3733, 0.4010.

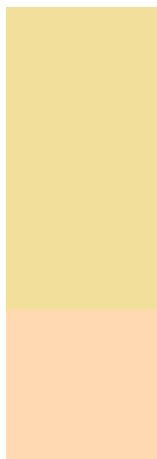


This preview shows how white text looks on a background with the Yxy color 74.0192, 0.3733, 0.4010.

# 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

74.0192, 0.3733, 0.4010

### Protanopia

73.8427, 0.3726, 0.4012

### Deuteranopia

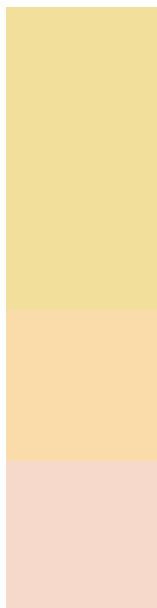
74.1001, 0.3691, 0.3692



## Tritanopia

73.6257, 0.3282, 0.3118

# Trichromacy



## Original Color

74.0192, 0.3733, 0.4010

## Protanomaly

73.8427, 0.3726, 0.4012

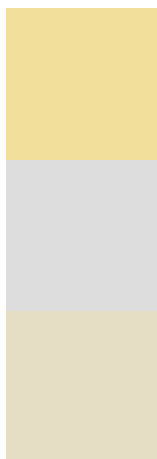
## Deuteranomaly

73.8893, 0.3704, 0.3801

## Tritanomaly

73.7117, 0.3448, 0.3437

# Monochromacy



## Original Color

74.0192, 0.3733, 0.4010

## Achromatopsia

72.3055, 0.3127, 0.3290

## Achromatomaly

72.9318, 0.3346, 0.3562

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.0192, 0.3733, 0.4010 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, 223, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 155)  
}
```

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, 223, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 155) }
```

## Border

The CSS property to change the border of an element to Yxy 74.0192, 0.3733, 0.4010 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, 223, 155) }
```

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

```
.border{ border-color:rgb(242, 223, 155) }
```

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

Here you see how a box with a 4 pixel rgb(242, 223, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
155) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.0192, 0.3733, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 155) }
```

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

```
.background{ background-color: rgb(242,  
223, 155) }
```

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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