

# Converting Colors

Yxy(74.4114, 0.3008, 0.3551)

Have a look what the booklet for  
Yxy(74.4114, 0.3008, 0.3551)  
contains.

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# Color

**Yxy(74.4003, 0.3009, 0.3552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2E9D2
RGB	194, 233, 210
RGB Percent	76%, 91%, 82%
CMY	0.2391, 0.0863, 0.1763
CMYK	0.17, 0.00, 0.10, 0.09
HSL	145°, 47%, 84%
HSV	145°, 17%, 91%
XYZ	63.0266, 74.4003, 72.0334
YIQ	218.7170, -15.8610, -15.4210

# Conversions

## Conversions Part 2

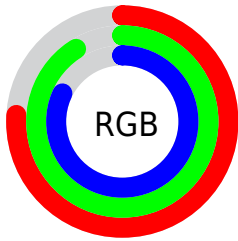
Format	Color
<b>RYB</b>	194, 222, 233
Decimal	12773842
CIELab	89.11, -17.05, 6.96
CIELCh	89, 18.418, 157.808
Yxy	74.4003, 0.3009, 0.3552
Android (android.graphics.Color)	4290963922 (0xFFC2E9D2)
YUV	218.7170, -4.2975, -21.6768
Hunter-Lab	86.2556, -20.5181, 10.8649

# Details

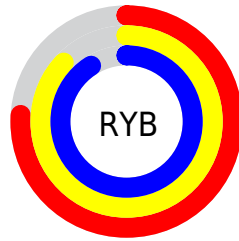
The Yxy color **74.4003, 0.3009, 0.3552** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9243, 0.3266, 0.3042**, and the grayscale version is **70.6760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **39.4200, 0.2977, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **70.9027, 0.2942, 0.3733**, and if you desaturate by 10%, it is **78.4462, 0.3079, 0.3389**.

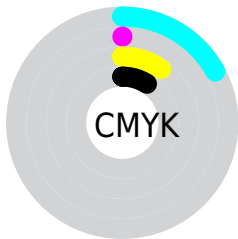
# Distribution



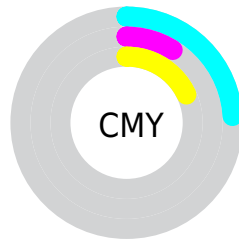
- Red (76%)
- Green (91%)
- Blue (82%)



- Red (76%)
- Yellow (87%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)




- Cyan (24%)
- Magenta (9%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4003, 0.3009, 0.3552 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 74.4003, 0.3009, 0.3552 by changing the saturation by 10% instead.




 74.4003, 0.3009,  
0.3552

 74.4003, 0.3009,  
0.3552

475.8538, 0.3065,  
0.3429

 55.1217, 0.2996,  
0.3581


 125.4631, 0.3029,  
0.3509

 39.4992, 0.2980,  
0.3616

158.0161, 0.3036,  
0.3492

 27.1483, 0.2959,  
0.3662


195.7627, 0.3043,  
0.3478

 17.6846, 0.2932,  
0.3723

239.0874, 0.3048,  
0.3465

 10.7238, 0.2894,  
0.3807

288.3744, 0.3053,  
0.3455

 5.8814, 0.2837,  
0.3931

344.0082, 0.3057,

 2.7731, 0.2745,

0.3445

0.4134

406.3732, 0.3061,  
0.3436

■ 1.0145, 0.2501,  
0.4678

■ 0.0000, 0.0000,  
0.0000

■ 74.4003, 0.3009,  
0.3552

■ 74.4003, 0.3009,  
0.3552

■ 70.9027, 0.2942,  
0.3733

■ 78.4462, 0.3079,  
0.3389

■ 67.9201, 0.2880,  
0.3932

■ 83.0534, 0.3150,  
0.3245

■ 65.4299, 0.2828,  
0.4147

■ 86.5152, 0.3161,  
0.3114

■ 63.4039, 0.2787,  
0.4373

■ 86.7566, 0.3137,  
0.3078

■ 61.8113, 0.2762,  
0.4605

■ 60.6171, 0.2756,  
0.4836

■ 59.7805, 0.2769,  
0.5056

■ 59.2503, 0.2799,  
0.5258

■ 59.1163, 0.2811,  
0.5320

# Harmonies

## Analogous

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



74.4003, 0.3230, 0.3665



74.4003, 0.3009, 0.3552



74.4003, 0.2824, 0.3362

# Triad

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



74.4003, 0.3009, 0.3552



74.4003, 0.2827, 0.2925



74.4003, 0.3551, 0.3398

# Complementary

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



74.4003, 0.3009, 0.3552



60.9243, 0.3266, 0.3042

# 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.



74.4003, 0.3436, 0.3211



74.4003, 0.3009, 0.3552



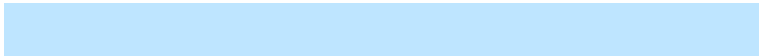
74.4003, 0.3013, 0.2945

# Square

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



74.4003, 0.3009, 0.3552



74.4003, 0.2722, 0.3000



74.4003, 0.3236, 0.3048



74.4003, 0.3548, 0.3566



# Rectangle

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



74.4003, 0.3009, 0.3552



74.4003, 0.2745, 0.3223



74.4003, 0.3236, 0.3048



74.4003, 0.3525, 0.3336

# Sweetspot

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



74.4034, 0.3009, 0.3552



97.1871, 0.3091, 0.3363



76.9866, 0.3267, 0.3720



20.7205, 0.3086, 0.3374



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

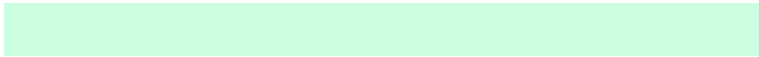


# Same Dimension

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



74.4034, 0.3009, 0.3552



89.7912, 0.2986, 0.3611



75.4113, 0.2897, 0.3333



16.9648, 0.3060, 0.3432



33.5678, 0.2803, 0.5291



2.6546, 0.2726, 0.5015



# Inverse Universe

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



60.9243, 0.3266, 0.3042



70.3888, 0.3300, 0.2990



59.9889, 0.3415, 0.3248



15.2030, 0.3201, 0.3152



10.8842, 0.4583, 0.2298

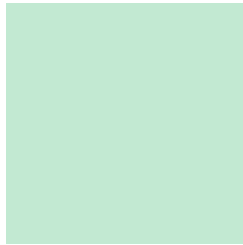


0.8737, 0.4340, 0.2165



# Previews

## White Background



This preview shows how the Yxy color 74.4003, 0.3009, 0.3552 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

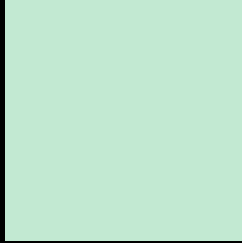
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.4003, 0.3009, 0.3552 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

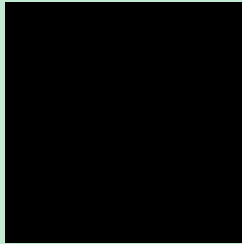
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

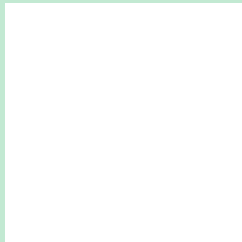
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.4003, 0.3009, 0.3552**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.4003, 0.3009, 0.3552.

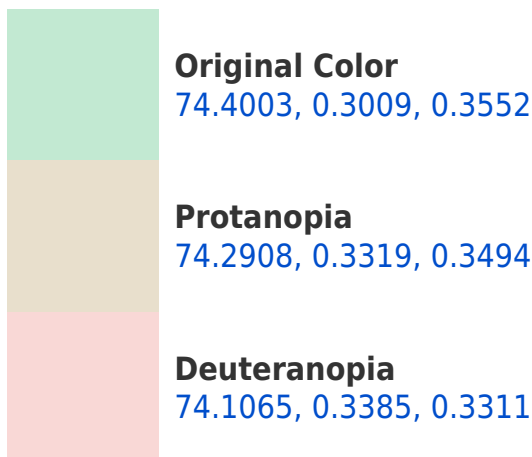


This preview shows how white text looks on a background with the Yxy color 74.4003, 0.3009, 0.3552.

# 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

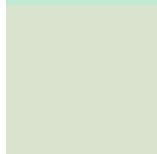
74.4200, 0.2835, 0.3093

# Trichromacy



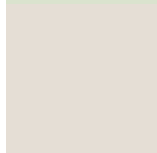
## Original Color

74.4003, 0.3009, 0.3552



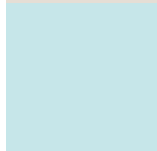
## Protanomaly

74.2998, 0.3200, 0.3521



## Deuteranomaly

73.7047, 0.3237, 0.3387



## Tritanomaly

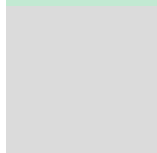
74.4826, 0.2898, 0.3256

# Monochromacy



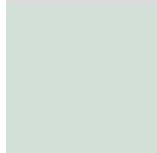
## Original Color

74.4003, 0.3009, 0.3552



## Achromatopsia

70.8376, 0.3127, 0.3290



## Achromatomaly

71.9708, 0.3081, 0.3379

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.4003, 0.3009, 0.3552 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(194, 233, 210)` looks like.

```
.text, #text, p{  
    color:rgb(194, 233, 210)  
}
```

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(194, 233, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 233, 210) }
```

## Border

The CSS property to change the border of an element to Yxy 74.4003, 0.3009, 0.3552 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(194, 233, 210) }
```

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

```
.border{ border-color:rgb(194, 233, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 233, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 233, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 233, 210);  
box-shadow:4px 4px 4px 4px rgb(194, 233,  
210) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.4003, 0.3009, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 233, 210) }
```

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

```
.background{ background-color: rgb(194,  
233, 210) }
```

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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