

# Converting Colors

$Yxy(74.2078, 0.3103, 0.3441)$

Have a look what the booklet for  
Yxy(74.2078, 0.3103, 0.3441)  
contains.

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# Color

**Yxy(74.3389, 0.3106, 0.3445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4E4D6
RGB	212, 228, 214
RGB Percent	83%, 89%, 84%
CMY	0.1688, 0.1058, 0.1608
CMYK	0.07, 0.00, 0.06, 0.11
HSL	128°, 23%, 86%
HSV	128°, 7%, 89%
XYZ	67.0237, 74.3389, 74.4252
YIQ	221.6200, -5.0420, -7.7460

# Conversions

## Conversions Part 2

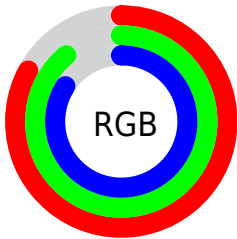
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 226, 228
Decimal	13952214
CIE Lab	89.08, -7.90, 5.00
CIE LCh	89, 9.349, 147.675
Yxy	74.3389, 0.3106, 0.3445
Android (android.graphics.Color)	4292142294 (0xFFD4E4D6)
YUV	221.6200, -3.7567, -8.4367
Hunter-Lab	86.2200, -12.1269, 9.1748

# Details

The Yxy color **74.3389, 0.3106, 0.3445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0580, 0.3149, 0.3140**, and the grayscale version is **72.7924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5584, 0.3100, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **70.2331, 0.3075, 0.3691**, and if you desaturate by 10%, it is **79.0542, 0.3136, 0.3229**.

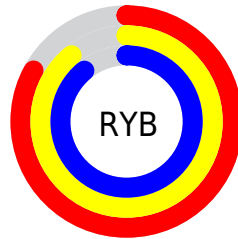
# Distribution



Red (83%)

Green (89%)

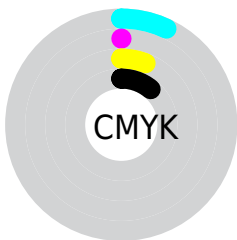
Blue (84%)



Red (83%)

Yellow (89%)

Blue (89%)

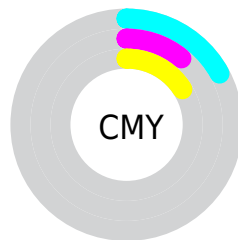


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (11%)



Cyan (17%)

Magenta (11%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3389, 0.3106, 0.3445 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 74.3389, 0.3106, 0.3445 by changing the saturation by 10% instead.




 74.3389, 0.3106,  
0.3445

 74.3389, 0.3106,  
0.3445


475.6422, 0.3116,  
0.3373

 55.0715, 0.3104,  
0.3462


125.3761, 0.3110,  
0.3420

 39.4589, 0.3101,  
0.3482


157.9147, 0.3111,  
0.3410

 27.1169, 0.3097,  
0.3509


195.6457, 0.3112,  
0.3402

 17.6611, 0.3091,  
0.3543

238.9537, 0.3113,  
0.3394

 10.7069, 0.3084,  
0.3591

288.2229, 0.3114,  
0.3388

 5.8701, 0.3073,  
0.3661

343.8378, 0.3115,

 2.7663, 0.3054,

0.3382

0.3774

406.1828, 0.3116,  
0.3377

■ 1.0110, 0.3028,  
0.4013

■ 0.0000, 0.0000,  
0.0000

■ 74.3389, 0.3106,  
0.3445

■ 74.3389, 0.3106,  
0.3445

■ 70.2331, 0.3075,  
0.3691

■ 79.0542, 0.3136,  
0.3229

■ 66.7027, 0.3044,  
0.3966

■ 83.9016, 0.3147,  
0.3040

■ 63.7250, 0.3015,  
0.4267

■ 83.9754, 0.3139,  
0.3029

■ 61.2717, 0.2989,  
0.4587

■ 59.3123, 0.2968,  
0.4913

■ 57.8130, 0.2956,  
0.5226

■ 56.7357, 0.2953,  
0.5504

■ 56.0362, 0.2959,  
0.5728

■ 55.6580, 0.2973,  
0.5883

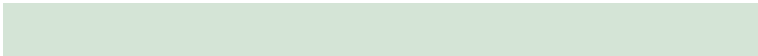
# Harmonies

## Analogous

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



74.3389, 0.3218, 0.3485



74.3389, 0.3106, 0.3445



74.3389, 0.3001, 0.3361

# Triad

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



74.3389, 0.3106, 0.3445



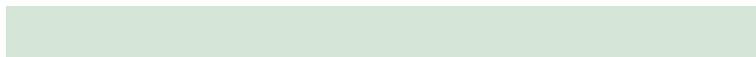
74.3389, 0.2950, 0.3111



74.3389, 0.3327, 0.3316

# Complementary

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



74.3389, 0.3106, 0.3445



69.0580, 0.3149, 0.3140

# 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.



74.3389, 0.3253, 0.3219



74.3389, 0.3106, 0.3445



74.3389, 0.3035, 0.3103

# Square

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



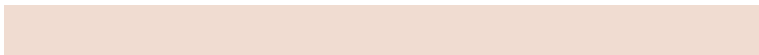
74.3389, 0.3106, 0.3445



74.3389, 0.2912, 0.3168



74.3389, 0.3146, 0.3142



74.3389, 0.3347, 0.3407



# Rectangle

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



74.3389, 0.3106, 0.3445



74.3389, 0.2949, 0.3293



74.3389, 0.3146, 0.3142



74.3389, 0.3308, 0.3283

# Sweetspot

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



74.3421, 0.3106, 0.3445



98.7617, 0.3121, 0.3333



76.4392, 0.3218, 0.3463



21.1520, 0.3121, 0.3331



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.



74.3421, 0.3106, 0.3445



95.2384, 0.3103, 0.3469



74.7543, 0.3056, 0.3357



16.1185, 0.3099, 0.3502



32.0999, 0.2973, 0.5901



2.3817, 0.2916, 0.5697



# Inverse Universe

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



69.0580, 0.3149, 0.3140



87.5036, 0.3152, 0.3118



68.6355, 0.3204, 0.3224



14.5824, 0.3157, 0.3087



11.9256, 0.3554, 0.1731

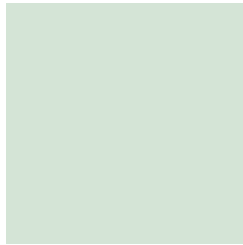


0.8901, 0.3496, 0.1700



# Previews

## White Background



This preview shows how the Yxy color 74.3389, 0.3106, 0.3445 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

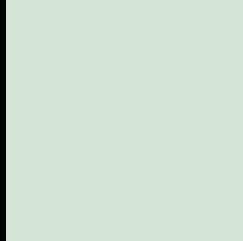
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.3389, 0.3106, 0.3445 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

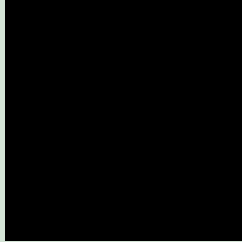
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

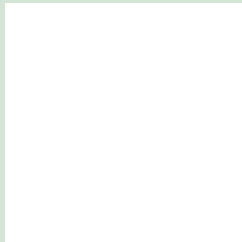
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.3389, 0.3106, 0.3445**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.3389, 0.3106, 0.3445.

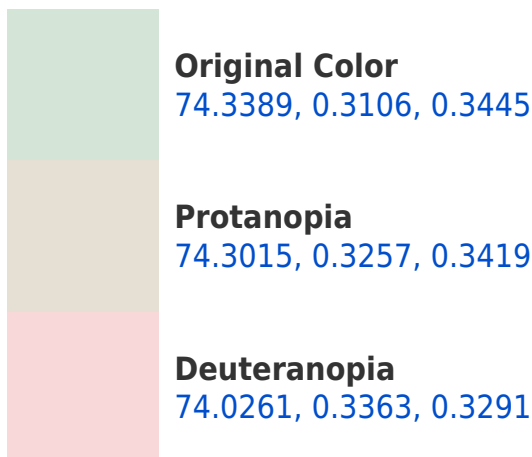


This preview shows how white text looks on a background with the Yxy color 74.3389, 0.3106, 0.3445.

# 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

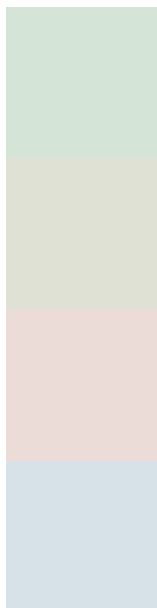




## Tritanopia

74.3210, 0.2959, 0.3098

# Trichromacy



## Original Color

74.3389, 0.3106, 0.3445

## Protanomaly

74.2919, 0.3198, 0.3431

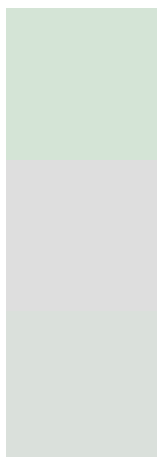
## Deuteranomaly

73.7549, 0.3269, 0.3343

## Tritanomaly

74.1237, 0.3014, 0.3214

# Monochromacy



## Original Color

74.3389, 0.3106, 0.3445

## Achromatopsia

73.0461, 0.3127, 0.3290

## Achromatomaly

73.3312, 0.3118, 0.3345

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.3389, 0.3106, 0.3445 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(212, 228, 214)` looks like.

```
.text, #text, p{  
    color:rgb(212, 228, 214)  
}
```

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(212, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 228, 214) }
```

## Border

The CSS property to change the border of an element to Yxy 74.3389, 0.3106, 0.3445 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(212, 228, 214) }
```

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

```
.border{ border-color:rgb(212, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(212, 228,  
214) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.3389, 0.3106, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 228, 214) }
```

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

```
.background{ background-color: rgb(212,  
228, 214) }
```

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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