

# Converting Colors

Yxy(73.4515, 0.3098, 0.3496)

Have a look what the booklet for  
Yxy(73.4515, 0.3098, 0.3496)  
contains.

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# Color

**Yxy(73.4053, 0.3097, 0.3492)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFE4D2
RGB	207, 228, 210
RGB Percent	81%, 89%, 82%
CMY	0.1883, 0.1058, 0.1765
CMYK	0.09, 0.00, 0.08, 0.11
HSL	129°, 28%, 85%
HSV	129°, 9%, 89%
XYZ	65.1020, 73.4053, 71.7026
YIQ	219.6690, -6.7380, -10.0500

# Conversions

## Conversions Part 2

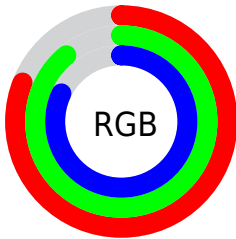
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 225, 228
Decimal	13624530
CIE <sub>Lab</sub>	88.64, -10.29, 6.41
CIE <sub>LCh</sub>	89, 12.125, 148.072
Yxy	73.4053, 0.3097, 0.3492
Android (android.graphics.Color)	4291814610 (0xFFCFE4D2)
YUV	219.6690, -4.7668, -11.1107
Hunter-Lab	85.6769, -14.3005, 10.3543

# Details

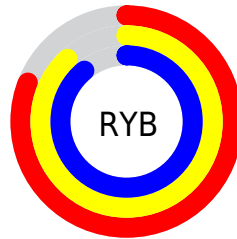
The Yxy color **73.4053, 0.3097, 0.3492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5464, 0.3159, 0.3096**, and the grayscale version is **71.3635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0597, 0.3089, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **69.4434, 0.3064, 0.3739**, and if you desaturate by 10%, it is **77.9665, 0.3130, 0.3274**.

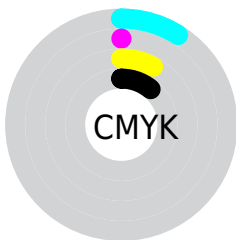
# Distribution



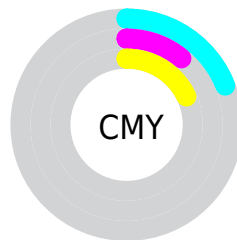
- Red (81%)
- Green (89%)
- Blue (82%)



- Red (81%)
- Yellow (88%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4053, 0.3097, 0.3492 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 73.4053, 0.3097, 0.3492 by changing the saturation by 10% instead.



 73.4053, 0.3097,  
0.3492

 73.4053, 0.3097,  
0.3492


472.4183, 0.3112,  
0.3397

 54.3074, 0.3093,  
0.3514


124.0524, 0.3102,  
0.3459

 38.8475, 0.3089,  
0.3541


156.3705, 0.3104,  
0.3446

 26.6411, 0.3083,  
0.3576


193.8640, 0.3106,  
0.3435

 17.3039, 0.3076,  
0.3623

236.9175, 0.3107,  
0.3426

 10.4514, 0.3064,  
0.3687

285.9152, 0.3109,  
0.3417

 5.6993, 0.3048,  
0.3781

341.2417, 0.3110,

 2.6631, 0.3018,

0.3410

0.3935

403.2813, 0.3111,  
0.3403

■ 0.9585, 0.2978,  
0.4338

■ 0.0000, 0.0000,  
0.0000

■ 73.4053, 0.3097,  
0.3492

■ 73.4053, 0.3097,  
0.3492

■ 69.4434, 0.3064,  
0.3739

■ 77.9665, 0.3130,  
0.3274

■ 66.0470, 0.3031,  
0.4015

■ 83.1407, 0.3161,  
0.3084

■ 63.1930, 0.3000,  
0.4315

■ 83.9738, 0.3139,  
0.3029

■ 60.8530, 0.2974,  
0.4631

■ 58.9963, 0.2954,  
0.4951

■ 57.5886, 0.2944,  
0.5256

■ 56.5912, 0.2943,  
0.5525

■ 55.9586, 0.2954,  
0.5740

■ 55.6217, 0.2970,  
0.5888

# Harmonies

## Analogous

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



73.4053, 0.3243, 0.3545



73.4053, 0.3097, 0.3492



73.4053, 0.2962, 0.3381

# Triad

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



73.4053, 0.3097, 0.3492



73.4053, 0.2898, 0.3057



73.4053, 0.3390, 0.3324

# Complementary

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



73.4053, 0.3097, 0.3492



66.5464, 0.3159, 0.3096

# 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.



73.4053, 0.3293, 0.3200



73.4053, 0.3097, 0.3492



73.4053, 0.3008, 0.3048

# Square

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



73.4053, 0.3097, 0.3492



73.4053, 0.2848, 0.3128



73.4053, 0.3152, 0.3100



73.4053, 0.3414, 0.3443



# Rectangle

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



73.4053, 0.3097, 0.3492



73.4053, 0.2895, 0.3292



73.4053, 0.3152, 0.3100



73.4053, 0.3364, 0.3282

# Sweetspot

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



73.4084, 0.3097, 0.3492



98.1629, 0.3117, 0.3353



76.0386, 0.3244, 0.3518



20.9084, 0.3115, 0.3371



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

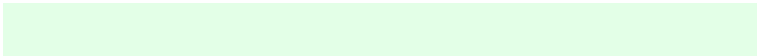


# Same Dimension

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



73.4084, 0.3097, 0.3492



93.6105, 0.3091, 0.3535



73.9390, 0.3033, 0.3375



16.1226, 0.3096, 0.3497



32.1128, 0.2967, 0.5880



2.3837, 0.2905, 0.5658



# Inverse Universe

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



66.5464, 0.3159, 0.3096



83.1347, 0.3166, 0.3056



66.0006, 0.3232, 0.3206



14.5779, 0.3160, 0.3091



11.8217, 0.3607, 0.1760

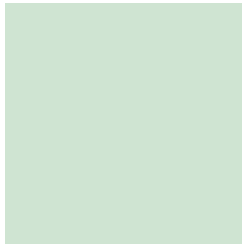


0.8834, 0.3540, 0.1724



# Previews

## White Background



This preview shows how the Yxy color 73.4053, 0.3097, 0.3492 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

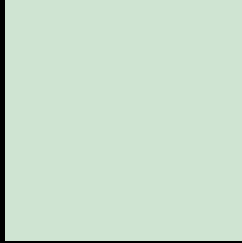
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 73.4053, 0.3097, 0.3492 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

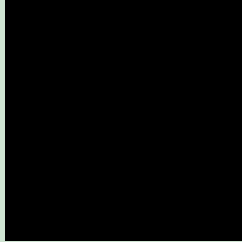
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

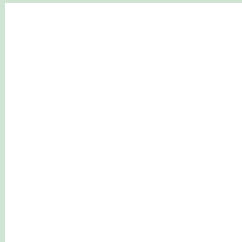
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 73.4053, 0.3097, 0.3492**

## **Background**



This preview shows how black text looks on a background with the Yxy color 73.4053, 0.3097, 0.3492.

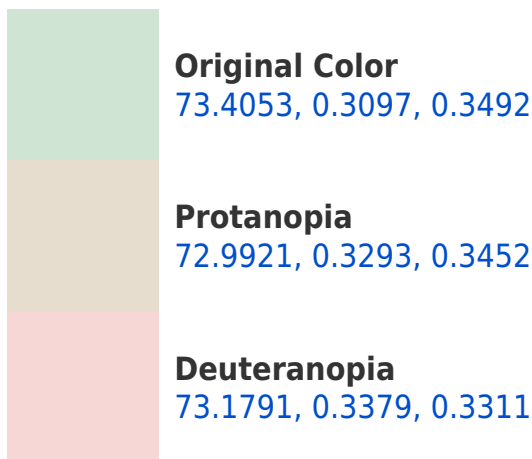


This preview shows how white text looks on a background with the Yxy color 73.4053, 0.3097, 0.3492.

# 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

73.1233, 0.2939, 0.3096

# Trichromacy



**Original Color**

73.4053, 0.3097, 0.3492

**Protanomaly**

73.3459, 0.3225, 0.3476

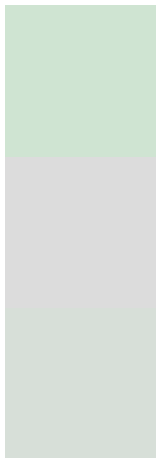
**Deuteranomaly**

73.0957, 0.3268, 0.3376

**Tritanomaly**

73.2652, 0.2993, 0.3235

# Monochromacy



**Original Color**

73.4053, 0.3097, 0.3492

**Achromatopsia**

71.5694, 0.3127, 0.3290

**Achromatomaly**

72.1803, 0.3117, 0.3367

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 73.4053, 0.3097, 0.3492 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(207, 228, 210)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 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(207, 228, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 210) }
```

## Border

The CSS property to change the border of an element to Yxy 73.4053, 0.3097, 0.3492 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(207, 228, 210) }
```

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

```
.border{ border-color:rgb(207, 228, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 228, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 228, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 228, 210);  
box-shadow:4px 4px 4px 4px rgb(207, 228,  
210) }
```



# Background

The CSS property to change the background color of an element to Yxy 73.4053, 0.3097, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 210) }
```

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

```
.background{ background-color: rgb(207,  
228, 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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