

Converting Colors

Yxy(73.9840, 0.3078, 0.3301)

Have a look what the booklet for
Yxy(73.9840, 0.3078, 0.3301)
contains.

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Color

Yxy(73.9840, 0.3078, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D9E1E0
RGB	217, 225, 224
RGB Percent	85%, 88%, 88%
CMY	0.1491, 0.1176, 0.1216
CMYK	0.04, 0.00, 0.00, 0.12
HSL	172°, 12%, 87%
HSV	172°, 4%, 88%
XYZ	68.9860, 73.9840, 81.1560
YIQ	222.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

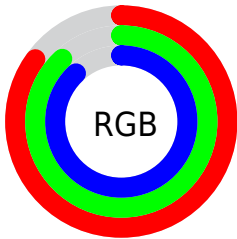
Format	Color
R _Y B	217, 221, 225
Decimal	14279136
CIE Lab	88.91, -2.88, -0.45
CIE LCh	89, 2.912, 188.851
Yxy	73.9840, 0.3078, 0.3301
Android (android.graphics.Color)	4292469216 (0xFFD9E1E0)
YUV	222.4940, 0.7425, -4.8182
Hunter-Lab	86.0140, -7.3616, 4.2684

Details

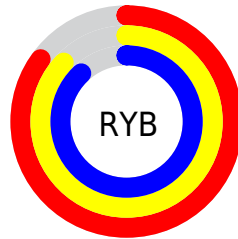
The Yxy color **73.9840, 0.3078, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6806, 0.3179, 0.3279**, and the grayscale version is **73.4095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2954, 0.3064, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **70.6169, 0.2944, 0.3334**, and if you desaturate by 10%, it is **77.8302, 0.3217, 0.3271**.

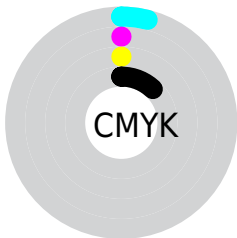
Distribution



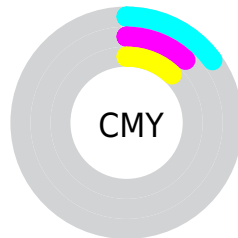
- Red (85%)
- Green (88%)
- Blue (88%)



- Red (85%)
- Yellow (87%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9840, 0.3078, 0.3301 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 73.9840, 0.3078, 0.3301 by changing the saturation by 10% instead.

■ 73.9840, 0.3078,
0.3301

■ 73.9840, 0.3078,
0.3301

474.4181, 0.3101,
0.3296

■ 54.7809, 0.3073,
0.3302

124.8731, 0.3086,
0.3299

■ 39.2264, 0.3066,
0.3304

157.3280, 0.3089,
0.3299

■ 26.9359, 0.3058,
0.3305

194.9689, 0.3092,
0.3298

■ 17.5251, 0.3048,
0.3308

238.1803, 0.3094,
0.3298

■ 10.6096, 0.3033,
0.3311

287.3465, 0.3096,
0.3297

■ 5.8049, 0.3012,
0.3315

342.8519, 0.3098,

■ 2.7268, 0.2980,

0.3297

0.3322

405.0810, 0.3099,
0.3296

0.9908, 0.2921,
0.3334

0.0000, 0.0000,
0.0000

73.9840, 0.3078,
0.3301

73.9840, 0.3078,
0.3301

70.6169, 0.2944,
0.3334

77.8302, 0.3217,
0.3271

67.7004, 0.2818,
0.3370


80.8176, 0.3308,
0.3244


65.2176, 0.2703,
0.3408


80.9802, 0.3288,
0.3215


63.1467, 0.2601,
0.3449


81.1454, 0.3269,
0.3187

 61.4641, 0.2516,
0.3492


 81.3134, 0.3250,
0.3159

 60.1438, 0.2448,
0.3537


 81.4840, 0.3231,
0.3131


 59.1566, 0.2400,
0.3581

 81.6573, 0.3212,
0.3103

 58.4687, 0.2371,
0.3626

 81.8334, 0.3193,
0.3075

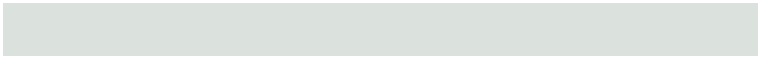
 58.0393, 0.2361,
0.3671

 82.0122, 0.3174,
0.3048

Harmonies

Analogous

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



73.9840, 0.3108, 0.3330



73.9840, 0.3078, 0.3301



73.9840, 0.3061, 0.3270

Triad

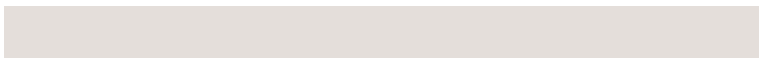
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9840, 0.3078, 0.3301



73.9840, 0.3111, 0.3234



73.9840, 0.3193, 0.3336

Complementary

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



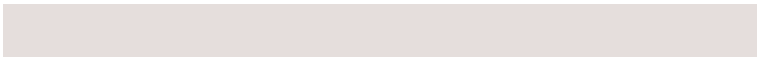
73.9840, 0.3078, 0.3301



70.6806, 0.3179, 0.3279

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.



73.9840, 0.3194, 0.3310



73.9840, 0.3078, 0.3301



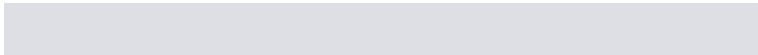
73.9840, 0.3146, 0.3251

Square

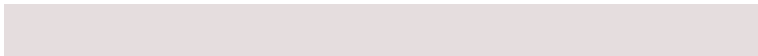
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9840, 0.3078, 0.3301



73.9840, 0.3080, 0.3231



73.9840, 0.3177, 0.3279



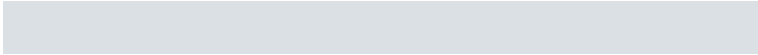
73.9840, 0.3174, 0.3350

Rectangle

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



73.9840, 0.3078, 0.3301



73.9840, 0.3060, 0.3252



73.9840, 0.3177, 0.3279



73.9840, 0.3195, 0.3328

Sweetspot

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



73.9872, 0.3078, 0.3301



99.4986, 0.3113, 0.3293



73.7790, 0.3131, 0.3378



21.3021, 0.3114, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

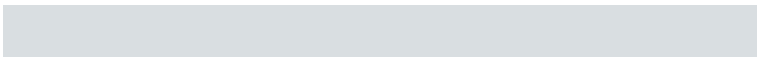
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9872, 0.3078, 0.3301



98.0329, 0.3072, 0.3302



72.4609, 0.3072, 0.3258



15.8914, 0.3062, 0.3305



33.3468, 0.2359, 0.3692



2.3200, 0.2340, 0.3624

Inverse Universe

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



70.6806, 0.3179, 0.3279



93.1040, 0.3185, 0.3278



72.1618, 0.3183, 0.3322



14.9560, 0.3196, 0.3275



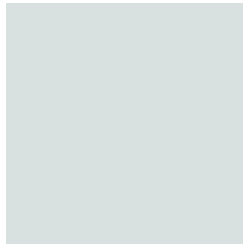
9.2840, 0.6232, 0.3207



0.6529, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 73.9840, 0.3078, 0.3301 looks on a white background.

Color Contrast Check

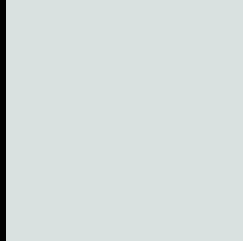
Large Text (above 18pt) WCAG AA × Fail

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 73.9840, 0.3078, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

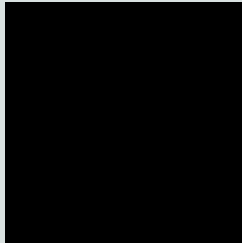
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

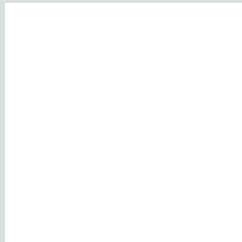
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9840, 0.3078, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 73.9840, 0.3078, 0.3301.

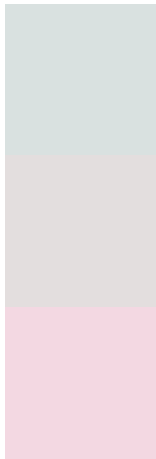


This preview shows how white text looks on a background with the Yxy color 73.9840, 0.3078, 0.3301.

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

73.9840, 0.3078, 0.3301

Protanopia

73.8474, 0.3163, 0.3290

Deuteranopia

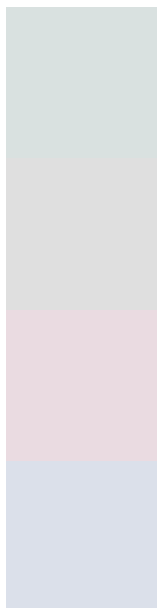
73.6574, 0.3256, 0.3187



Tritanopia

74.2823, 0.2998, 0.3109

Trichromacy



Original Color

73.9840, 0.3078, 0.3301

Protanomaly

73.7910, 0.3127, 0.3290

Deuteranomaly

73.5917, 0.3195, 0.3227

Tritanomaly

74.3119, 0.3029, 0.3183

Monochromacy



Original Color

73.9840, 0.3078, 0.3301

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3187, 0.3106, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9840, 0.3078, 0.3301 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(217, 225, 224)` looks like.

```
.text, #text, p{  
    color:rgb(217, 225, 224)  
}
```

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(217, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 225, 224) }
```

Border

The CSS property to change the border of an element to Yxy 73.9840, 0.3078, 0.3301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

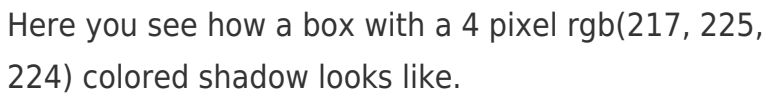
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 225, 224) }
```

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

```
.border{ border-color:rgb(217, 225, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 225,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9840, 0.3078, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 225, 224) }
```

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

```
.background{ background-color: rgb(217,  
225, 224) }
```

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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