

Converting Colors

$Yxy(74.0624, 0.3090, 0.3329)$

Have a look what the booklet for
Yxy(74.0624, 0.3090, 0.3329)
contains.

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Color

Yxy(73.8761, 0.3091, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	D9E1DE
RGB	217, 225, 222
RGB Percent	85%, 88%, 87%
CMY	0.1491, 0.1176, 0.1295
CMYK	0.04, 0.00, 0.01, 0.12
HSL	157°, 12%, 87%
HSV	157°, 4%, 88%
XYZ	68.7183, 73.8761, 79.7230
YIQ	222.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

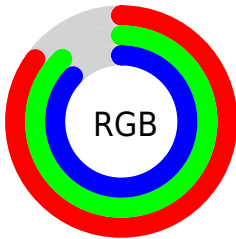
Format	Color
R _Y B	217, 222, 225
Decimal	14279134
CIE Lab	88.86, -3.24, 0.54
CIE LCh	89, 3.283, 170.575
Yxy	73.8761, 0.3091, 0.3323
Android (android.graphics.Color)	4292469214 (0xFFD9E1DE)
YUV	222.2660, -0.1311, -4.6183
Hunter-Lab	85.9512, -7.7031, 5.1721

Details

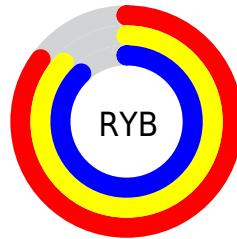
The Yxy color **73.8761, 0.3091, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7964, 0.3165, 0.3257**, and the grayscale version is **73.2468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2209, 0.3080, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **70.2175, 0.2991, 0.3423**, and if you desaturate by 10%, it is **78.0342, 0.3193, 0.3234**.

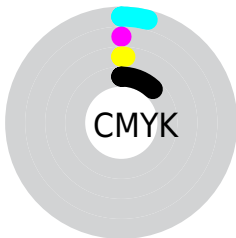
Distribution



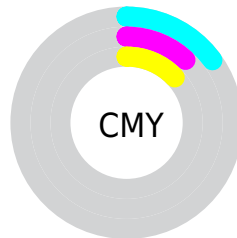
- Red (85%)
- Green (88%)
- Blue (87%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8761, 0.3091, 0.3323 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 73.8761, 0.3091, 0.3323 by changing the saturation by 10% instead.

■ 73.8761, 0.3091,
0.3323

■ 73.8761, 0.3091,
0.3323

474.0456, 0.3108,
0.3308

■ 54.6926, 0.3087,
0.3326

124.7202, 0.3097,
0.3318

■ 39.1557, 0.3082,
0.3331

157.1495, 0.3099,
0.3316

■ 26.8809, 0.3076,
0.3336

194.7630, 0.3101,
0.3314

■ 17.4838, 0.3069,
0.3343

237.9450, 0.3103,
0.3312

■ 10.5800, 0.3058,
0.3353

287.0798, 0.3104,
0.3311

■ 5.7852, 0.3042,
0.3367

342.5520, 0.3106,

■ 2.7149, 0.3018,

0.3310

0.3390

404.7458, 0.3107,
0.3309

0.9848, 0.2974,
0.3430

0.0000, 0.0000,
0.0000

73.8761, 0.3091,
0.3323

73.8761, 0.3091,
0.3323

70.2175, 0.2991,
0.3423

78.0342, 0.3193,
0.3234

67.0298, 0.2896,
0.3533

81.3510, 0.3245,
0.3152

64.2956, 0.2808,
0.3654

81.8672, 0.3189,
0.3070

61.9927, 0.2731,
0.3784

82.3375, 0.3141,
0.2999

■ 60.0974, 0.2667,
0.3922

■ 58.5831, 0.2619,
0.4066

■ 57.4203, 0.2591,
0.4214

■ 56.5750, 0.2583,
0.4362

■ 56.0058, 0.2595,
0.4508

Harmonies

Analogous

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



73.8761, 0.3130, 0.3349



73.8761, 0.3091, 0.3323



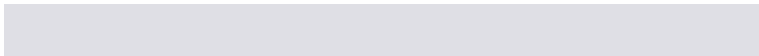
73.8761, 0.3062, 0.3288

Triad

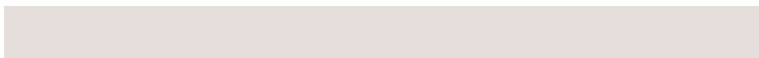
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8761, 0.3091, 0.3323



73.8761, 0.3087, 0.3223



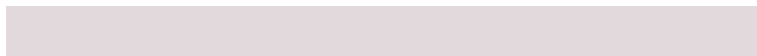
73.8761, 0.3204, 0.3325

Complementary

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



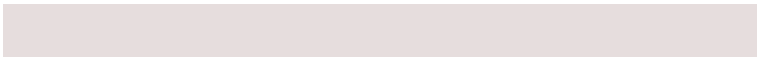
73.8761, 0.3091, 0.3323



70.7964, 0.3165, 0.3257

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.



73.8761, 0.3193, 0.3292



73.8761, 0.3091, 0.3323



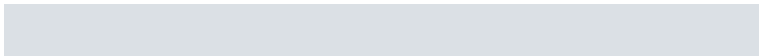
73.8761, 0.3124, 0.3233

Square

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



73.8761, 0.3091, 0.3323



73.8761, 0.3060, 0.3231



73.8761, 0.3163, 0.3258



73.8761, 0.3195, 0.3350

Rectangle

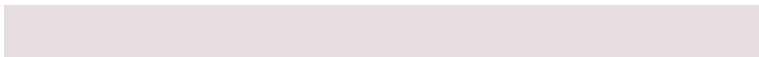
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8761, 0.3091, 0.3323



73.8761, 0.3052, 0.3265



73.8761, 0.3163, 0.3258



73.8761, 0.3203, 0.3315

Sweetspot

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



73.8793, 0.3091, 0.3323



99.4575, 0.3117, 0.3299



74.0919, 0.3145, 0.3377



21.2937, 0.3117, 0.3299



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

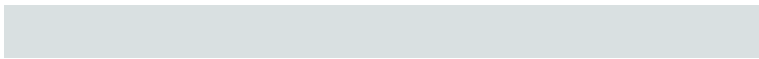
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8793, 0.3091, 0.3323



97.8700, 0.3086, 0.3327



73.5388, 0.3072, 0.3280



15.8604, 0.3079, 0.3334



32.1409, 0.2605, 0.4578



2.2451, 0.2543, 0.4356

Inverse Universe

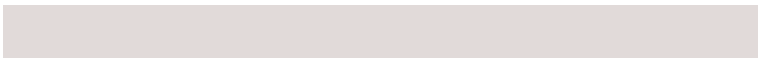
The Inverse Universe completely reimagines the original color for something new.



70.7964, 0.3165, 0.3257



93.2626, 0.3170, 0.3253



71.1208, 0.3185, 0.3300



14.9860, 0.3177, 0.3246



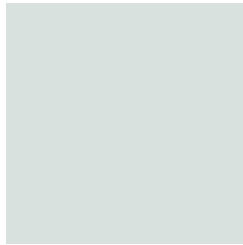
9.6257, 0.5454, 0.2778



0.6842, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 73.8761, 0.3091, 0.3323 looks on a white background.

Color Contrast Check

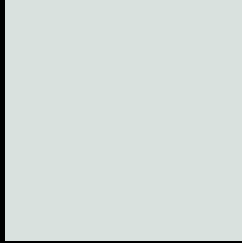
Large Text (above 18pt) WCAG AA × Fail

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 73.8761, 0.3091, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

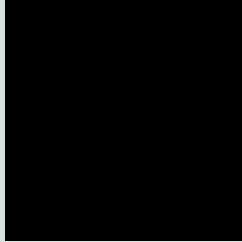
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

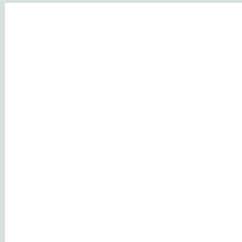
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8761, 0.3091, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 73.8761, 0.3091, 0.3323.

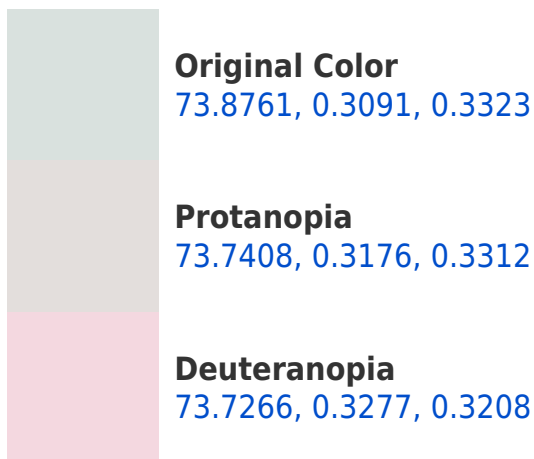


This preview shows how white text looks on a background with the Yxy color 73.8761, 0.3091, 0.3323.

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

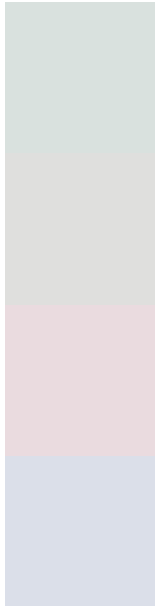




Tritanopia

73.7495, 0.2998, 0.3098

Trichromacy



Original Color

73.8761, 0.3091, 0.3323

Protanomaly

73.6838, 0.3140, 0.3312

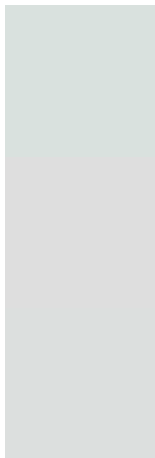
Deuteranomaly

73.4832, 0.3208, 0.3248

Tritanomaly

73.7186, 0.3035, 0.3182

Monochromacy



Original Color

73.8761, 0.3091, 0.3323

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2649, 0.3113, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8761, 0.3091, 0.3323 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 225, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 225, 222) }
```

Border

The CSS property to change the border of an element to Yxy 73.8761, 0.3091, 0.3323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

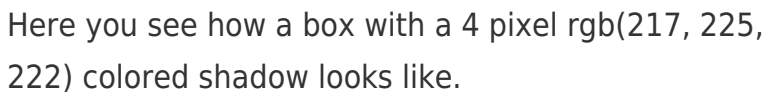
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 225, 222) }
```

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

```
.border{ border-color:rgb(217, 225, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 225, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 225, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 225,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8761, 0.3091, 0.3323 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, 222) }
```

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

```
.background{ background-color: rgb(217,  
225, 222) }
```

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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