

Converting Colors

$Yxy(74.8717, 0.3025, 0.3317)$

Have a look what the booklet for
Yxy(74.8717, 0.3025, 0.3317)
contains.

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Color

Yxy(74.8267, 0.3024, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	D3E4E2
RGB	211, 228, 226
RGB Percent	83%, 89%, 89%
CMY	0.1728, 0.1058, 0.1138
CMYK	0.07, 0.00, 0.01, 0.11
HSL	173°, 24%, 86%
HSV	173°, 7%, 89%
XYZ	68.3200, 74.8267, 82.7793
YIQ	222.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

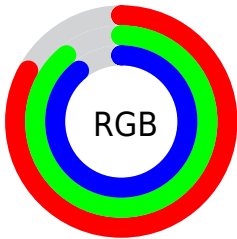
Format	Color
R_{YB}	211, 220, 228
Decimal	13886690
CIE _{Lab}	89.31, -6.04, -0.96
CIE _{LCh}	89, 6.115, 189.079
Yxy	74.8267, 0.3024, 0.3312
Android (android.graphics.Color)	4292076770 (0xFFD3E4E2)
YUV	222.6890, 1.6323, -10.2513
Hunter-Lab	86.5024, -10.3991, 3.8136

Details

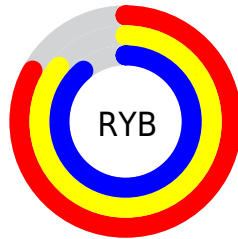
The Yxy color **74.8267, 0.3024, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8609, 0.3241, 0.3268**, and the grayscale version is **73.5479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8953, 0.2995, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **71.5502, 0.2892, 0.3344**, and if you desaturate by 10%, it is **78.5895, 0.3162, 0.3283**.

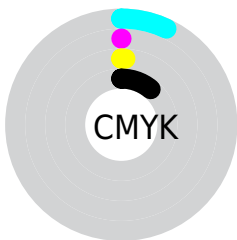
Distribution



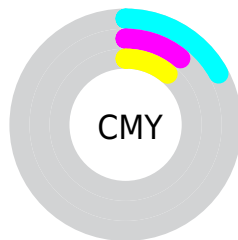
- Red (83%)
- Green (89%)
- Blue (89%)



- Red (83%)
- Yellow (86%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8267, 0.3024, 0.3312 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 74.8267, 0.3024, 0.3312 by changing the saturation by 10% instead.

■ 74.8267, 0.3024,
0.3312

■ 74.8267, 0.3024,
0.3312

477.3217, 0.3071,
0.3302

■ 55.4709, 0.3013,
0.3314

126.0670, 0.3040,
0.3309

■ 39.7789, 0.3000,
0.3317

158.7204, 0.3047,
0.3307

■ 27.3662, 0.2983,
0.3320

196.5750, 0.3052,
0.3306

■ 17.8484, 0.2961,
0.3325

240.0154, 0.3057,
0.3305

■ 10.8412, 0.2931,
0.3331

289.4258, 0.3061,
0.3304

■ 5.9602, 0.2888,
0.3339

345.1908, 0.3065,

■ 2.8209, 0.2822,

0.3303

407.6946, 0.3068,
0.3303

0.3352

1.0389, 0.2703,
0.3374

0.0000, 0.0000,
0.0000

74.8267, 0.3024,
0.3312

74.8267, 0.3024,
0.3312

71.5502, 0.2892,
0.3344

78.5895, 0.3162,
0.3283

68.7306, 0.2769,
0.3379


82.5535, 0.3293,
0.3257

66.3496, 0.2658,
0.3416

82.7091, 0.3275,
0.3230


64.3840, 0.2561,
0.3455

82.8671, 0.3257,
0.3203


 62.8085, 0.2482,
0.3495


 83.0275, 0.3239,
0.3176

 61.5952, 0.2421,
0.3537


 83.1904, 0.3221,
0.3150


 60.7122, 0.2380,
0.3579

 83.3557, 0.3203,
0.3124

 60.1221, 0.2358,
0.3620

 83.5234, 0.3186,
0.3097

 59.7749, 0.2353,
0.3662

 83.6936, 0.3168,
0.3071

Harmonies

Analogous

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



74.8267, 0.3086, 0.3373



74.8267, 0.3024, 0.3312



74.8267, 0.2990, 0.3246

Triad

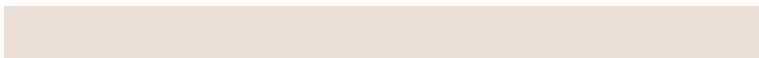
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8267, 0.3024, 0.3312



74.8267, 0.3094, 0.3173



74.8267, 0.3265, 0.3386

Complementary

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



74.8267, 0.3024, 0.3312



67.8609, 0.3241, 0.3268

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.



74.8267, 0.3267, 0.3332



74.8267, 0.3024, 0.3312



74.8267, 0.3168, 0.3210

Square

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



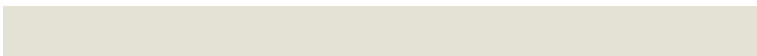
74.8267, 0.3024, 0.3312



74.8267, 0.3029, 0.3167



74.8267, 0.3231, 0.3267



74.8267, 0.3225, 0.3415

Rectangle

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



74.8267, 0.3024, 0.3312



74.8267, 0.2987, 0.3208



74.8267, 0.3231, 0.3267



74.8267, 0.3270, 0.3370

Sweetspot

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



74.8299, 0.3024, 0.3312



99.0063, 0.3099, 0.3296



74.3788, 0.3134, 0.3479



21.2018, 0.3101, 0.3295



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.



74.8299, 0.3024, 0.3312



95.7288, 0.3003, 0.3317



71.5583, 0.3012, 0.3221



16.3052, 0.2997, 0.3318



34.4801, 0.2352, 0.3666



2.5564, 0.2335, 0.3605

Inverse Universe

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



67.8609, 0.3241, 0.3268



84.9876, 0.3267, 0.3263



70.9296, 0.3249, 0.3358



14.3959, 0.3274, 0.3262



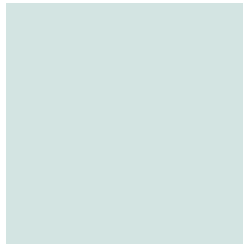
9.5796, 0.6249, 0.3216



0.7172, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 74.8267, 0.3024, 0.3312 looks on a white background.

Color Contrast Check

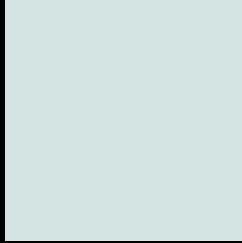
Large Text (above 18pt) WCAG AA × Fail

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 74.8267, 0.3024, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

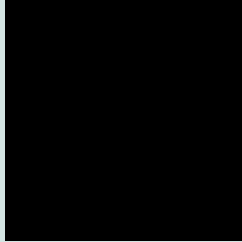
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

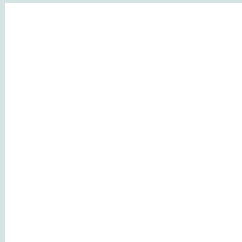
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8267, 0.3024, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 74.8267, 0.3024, 0.3312.

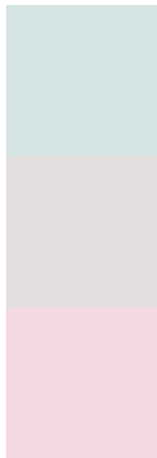


This preview shows how white text looks on a background with the Yxy color 74.8267, 0.3024, 0.3312.

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

74.8267, 0.3024, 0.3312

Protanopia

74.5970, 0.3162, 0.3290

Deuteranopia

74.4602, 0.3248, 0.3177



Tritanopia

74.6176, 0.2940, 0.3097

Trichromacy



Original Color

74.8267, 0.3024, 0.3312

Protanomaly

74.7618, 0.3113, 0.3301

Deuteranomaly

74.4148, 0.3166, 0.3227

Tritanomaly

74.6533, 0.2970, 0.3171

Monochromacy



Original Color

74.8267, 0.3024, 0.3312

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2923, 0.3092, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8267, 0.3024, 0.3312 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(211, 228, 226) looks like.

```
.text, #text, p{  
    color:rgb(211, 228, 226)  
}
```

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(211, 228, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 228, 226) }
```

Border

The CSS property to change the border of an element to Yxy 74.8267, 0.3024, 0.3312 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(211, 228, 226) }
```

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

```
.border{ border-color:rgb(211, 228, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 228, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 228, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 228, 226);  
box-shadow:4px 4px 4px 4px rgb(211, 228,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8267, 0.3024, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 228, 226) }
```

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

```
.background{ background-color: rgb(211,  
228, 226) }
```

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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