

Converting Colors

$Yxy(71.7233, 0.3020, 0.3309)$

Have a look what the booklet for
Yxy(71.7233, 0.3020, 0.3309)
contains.

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Color

Yxy(71.8506, 0.3023, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	CFE0DE
RGB	207, 224, 222
RGB Percent	81%, 88%, 87%
CMY	0.1880, 0.1216, 0.1295
CMYK	0.08, 0.00, 0.01, 0.12
HSL	173°, 21%, 85%
HSV	173°, 8%, 88%
XYZ	65.5810, 71.8506, 79.5086
YIQ	218.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

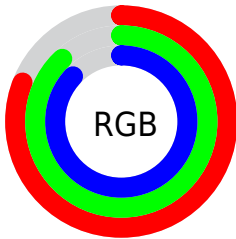
Format	Color
R _Y B	207, 216, 224
Decimal	13623518
CIE Lab	87.90, -6.01, -0.97
CIE LCh	88, 6.083, 189.159
Yxy	71.8506, 0.3023, 0.3312
Android (android.graphics.Color)	4291813598 (0xFFCFE0DE)
YUV	218.6890, 1.6323, -10.2513
Hunter-Lab	84.7647, -10.2359, 3.7218

Details

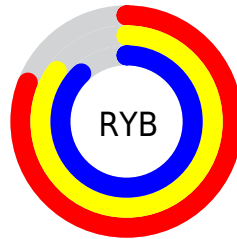
The Yxy color **71.8506, 0.3023, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1026, 0.3242, 0.3268**, and the grayscale version is **70.6114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9383, 0.3001, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **68.7107, 0.2891, 0.3344**, and if you desaturate by 10%, it is **75.4565, 0.3161, 0.3283**.

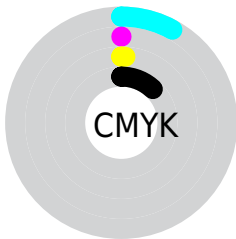
Distribution



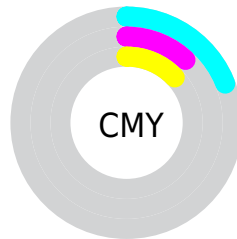
- Red (81%)
- Green (88%)
- Blue (87%)



- Red (81%)
- Yellow (85%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8506, 0.3023, 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 71.8506, 0.3023, 0.3312 by changing the saturation by 10% instead.

■ 71.8506, 0.3023,
0.3312

■ 71.8506, 0.3023,
0.3312

467.0214, 0.3071,
0.3302

■ 53.0366, 0.3012,
0.3314

121.8441, 0.3040,
0.3309

■ 37.8320, 0.2998,
0.3317

153.7924, 0.3046,
0.3307

■ 25.8523, 0.2981,
0.3321

190.8877, 0.3052,
0.3306

■ 16.7132, 0.2958,
0.3325

233.5142, 0.3057,
0.3305

■ 10.0302, 0.2927,
0.3331

282.0565, 0.3061,
0.3304

■ 5.4190, 0.2882,
0.3340

336.8988, 0.3065,

■ 2.4951, 0.2810,

0.3303

398.4257, 0.3068,
0.3303

0.3354

0.8742, 0.2653,
0.3390

0.0000, 0.0000,
0.0000

71.8506, 0.3023,
0.3312

71.8506, 0.3023,
0.3312

68.7107, 0.2891,
0.3344

75.4565, 0.3161,
0.3283

66.0086, 0.2768,
0.3378


79.5373, 0.3303,
0.3257

63.7268, 0.2657,
0.3415


80.2780, 0.3307,
0.3231

61.8430, 0.2560,
0.3453


80.4282, 0.3289,
0.3205


 60.3331, 0.2481,
0.3493


 80.5806, 0.3272,
0.3179


 59.1702, 0.2421,
0.3534


 80.7354, 0.3254,
0.3153


 58.3239, 0.2379,
0.3576

 80.8924, 0.3236,
0.3127

 57.7583, 0.2357,
0.3617

 81.0518, 0.3218,
0.3101

 57.4251, 0.2352,
0.3658

 81.2135, 0.3201,
0.3076

Harmonies

Analogous

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



71.8506, 0.3086, 0.3373



71.8506, 0.3023, 0.3312



71.8506, 0.2988, 0.3246

Triad

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



71.8506, 0.3023, 0.3312



71.8506, 0.3093, 0.3172



71.8506, 0.3266, 0.3387

Complementary

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



71.8506, 0.3023, 0.3312



65.1026, 0.3242, 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.



71.8506, 0.3268, 0.3332



71.8506, 0.3023, 0.3312



71.8506, 0.3168, 0.3209

Square

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



71.8506, 0.3023, 0.3312



71.8506, 0.3029, 0.3166



71.8506, 0.3232, 0.3267



71.8506, 0.3226, 0.3416

Rectangle

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



71.8506, 0.3023, 0.3312



71.8506, 0.2985, 0.3208



71.8506, 0.3232, 0.3267



71.8506, 0.3271, 0.3371

Sweetspot

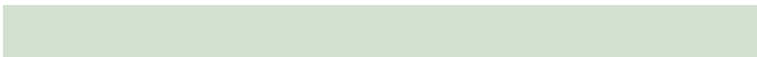
The Sweet Spot groups the original color and five complimentary colors.



71.8536, 0.3023, 0.3312



99.0067, 0.3099, 0.3296



71.4157, 0.3134, 0.3481



21.2019, 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.



71.8536, 0.3023, 0.3312



95.7303, 0.3003, 0.3317



68.6834, 0.3011, 0.3220



15.5429, 0.2998, 0.3318



33.4012, 0.2351, 0.3662



2.3232, 0.2333, 0.3598

Inverse Universe

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



65.1026, 0.3242, 0.3268



84.9862, 0.3267, 0.3264



68.0745, 0.3250, 0.3359



13.7268, 0.3273, 0.3263



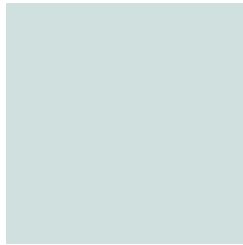
9.2778, 0.6249, 0.3216



0.6520, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 71.8506, 0.3023, 0.3312 looks on a white background.

Color Contrast Check

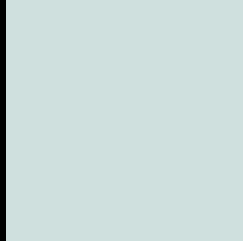
Large Text (above 18pt) WCAG AA × Fail

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 71.8506, 0.3023, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

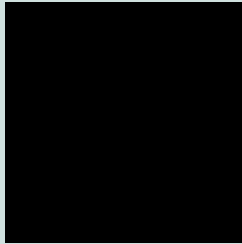
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

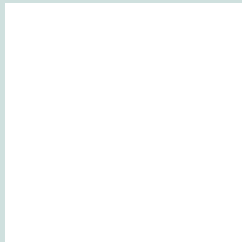
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8506, 0.3023, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 71.8506, 0.3023, 0.3312.

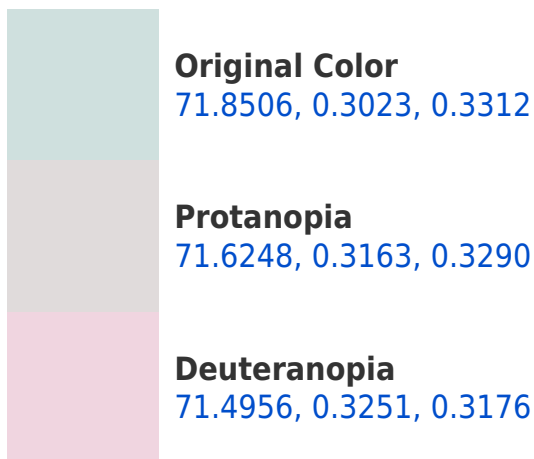


This preview shows how white text looks on a background with the Yxy color 71.8506, 0.3023, 0.3312.

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





Tritanopia

71.6465, 0.2937, 0.3094

Trichromacy



Original Color

71.8506, 0.3023, 0.3312

Protanomaly

71.7856, 0.3112, 0.3301

Deuteranomaly

71.4474, 0.3166, 0.3226

Tritanomaly

71.6811, 0.2968, 0.3169

Monochromacy



Original Color

71.8506, 0.3023, 0.3312

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3273, 0.3091, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8506, 0.3023, 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(207, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(207, 224, 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(207, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 71.8506, 0.3023, 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(207, 224, 222) }
```

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

```
.border{ border-color:rgb(207, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(207, 224,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8506, 0.3023, 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(207, 224, 222) }
```

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

```
.background{ background-color: rgb(207,  
224, 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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