

Converting Colors

Yxy(88.8663, 0.3016, 0.3622)

Have a look what the booklet for
Yxy(88.8663, 0.3016, 0.3622)
contains.

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Color

Yxy(88.7899, 0.3020, 0.3621)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CFFDDE |
| RGB | 207, 253, 222 |
| RGB Percent | 81%, 99%, 87% |
| CMY | 0.1881, 0.0079, 0.1293 |
| CMYK | 0.18, 0.00, 0.12, 0.01 |
| HSL | 140°, 92%, 90% |
| HSV | 140°, 18%, 99% |
| XYZ | 74.0529, 88.7899, 82.3654 |
| YIQ | 235.7120, -17.4650, -19.3930 |

Conversions

Conversions Part 2

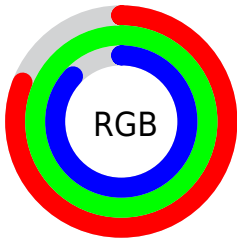
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 207, 242, 253 |
| Decimal | 13630942 |
| CIE Lab | 95.49, -20.49, 10.00 |
| CIE LCh | 95, 22.795, 153.990 |
| Yxy | 88.7899, 0.3020, 0.3621 |
| Android (android.graphics.Color) | 4291821022 (0xFFCFFDDE) |
| YUV | 235.7120, -6.7600, -25.1804 |
| Hunter-Lab | 94.2284, -24.6188, 14.1342 |

Details

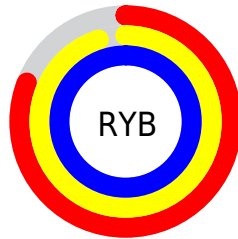
The Yxy color **88.7899, 0.3020, 0.3621** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.6976, 0.3253, 0.2980**, and the grayscale version is **83.7202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9453, 0.2993, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **84.5677, 0.2964, 0.3834**, and if you desaturate by 10%, it is **93.6959, 0.3079, 0.3430**.

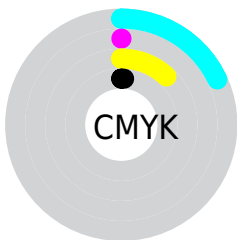
Distribution



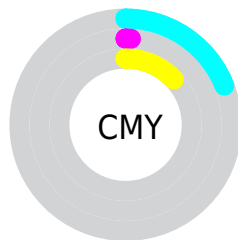
- Red (81%)
- Green (99%)
- Blue (87%)



- Red (81%)
- Yellow (95%)
- Blue (99%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)





- Cyan (19%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.7899, 0.3020, 0.3621 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 88.7899, 0.3020, 0.3621 by changing the saturation by 10% instead.

 88.7899, 0.3020,
0.3621

 88.7899, 0.3020,
0.3621


524.0865, 0.3070,
0.3469

 66.9774, 0.3009,
0.3655


145.6564, 0.3037,
0.3569

 49.0663, 0.2995,
0.3697


181.4792, 0.3044,
0.3548

 34.6721, 0.2977,
0.3751

222.7408, 0.3050,
0.3531

 23.4104, 0.2953,
0.3820

269.8258, 0.3055,
0.3515

 14.8968, 0.2922,
0.3913

323.1185, 0.3059,
0.3502

 8.7470, 0.2876,
0.4046

383.0032, 0.3063,

 4.5765, 0.2804,

0.3490

0.4250

449.8644, 0.3067,
0.3479

■ 2.0010, 0.2677,
0.4602

■ 0.6081, 0.1135,
0.8865

■ 88.7899, 0.3020,
0.3621

■ 88.7899, 0.3020,
0.3621

■ 84.5677, 0.2964,
0.3834

■ 93.6959, 0.3079,
0.3430

■ 80.9875, 0.2913,
0.4068

■ 98.7272, 0.3128,
0.3271

■ 78.0202, 0.2870,
0.4318

■ 75.6300, 0.2838,
0.4580

■ 73.7772, 0.2821,
0.4843

■ 72.4169, 0.2822,
0.5097

■ 71.4963, 0.2840,
0.5330

■ 70.9441, 0.2872,
0.5530

■ 70.8651, 0.2879,
0.5564

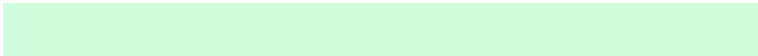
Harmonies

Analogous

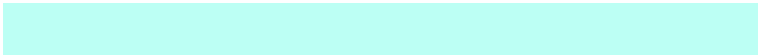
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7899, 0.3278, 0.3738



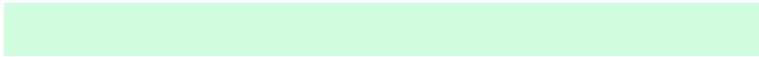
88.7899, 0.3020, 0.3621



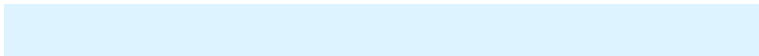
88.7899, 0.2797, 0.3404

Triad

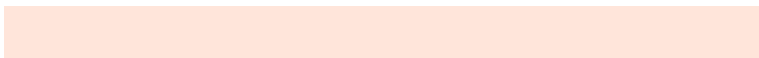
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7899, 0.3020, 0.3621



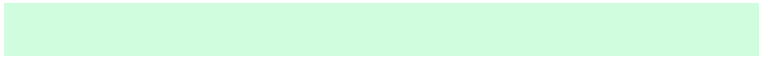
88.7899, 0.2756, 0.2871



88.7899, 0.3613, 0.3386

Complementary

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



88.7899, 0.3020, 0.3621



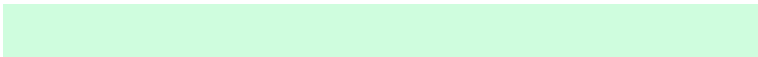
71.6976, 0.3253, 0.2980

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.



88.7899, 0.3462, 0.3171



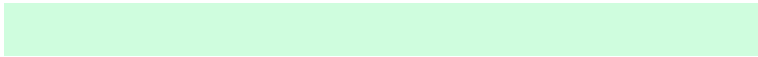
88.7899, 0.3020, 0.3621



88.7899, 0.2962, 0.2881

Square

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



88.7899, 0.3020, 0.3621



88.7899, 0.2650, 0.2969



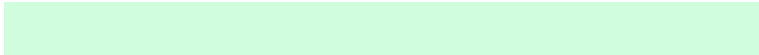
88.7899, 0.3221, 0.2990



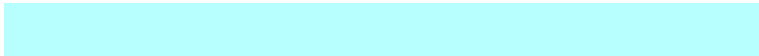
88.7899, 0.3627, 0.3587

Rectangle

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



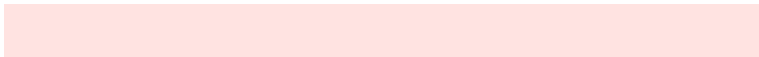
88.7899, 0.3020, 0.3621



88.7899, 0.2696, 0.3240



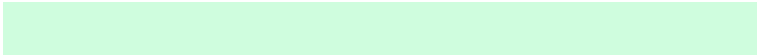
88.7899, 0.3221, 0.2990



88.7899, 0.3576, 0.3313

Sweetspot

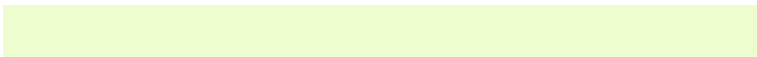
The Sweet Spot groups the original color and five complimentary colors.



88.7936, 0.3020, 0.3621



97.1206, 0.3098, 0.3374



93.0076, 0.3305, 0.3758



20.7043, 0.3093, 0.3386



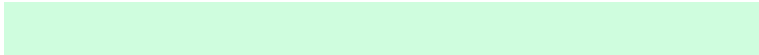
0.0000, 0.0000, 0.0000



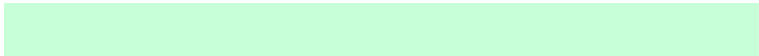
21.4041, 0.3127, 0.3290

Same Dimension

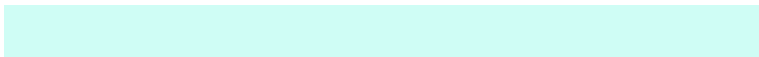
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7936, 0.3020, 0.3621



88.6690, 0.2998, 0.3700



90.0841, 0.2897, 0.3377



20.2659, 0.3071, 0.3454



37.7231, 0.2871, 0.5535



3.6921, 0.2808, 0.5309

Inverse Universe

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



71.6976, 0.3253, 0.2980



68.1573, 0.3285, 0.2912



70.4549, 0.3418, 0.3205



18.1936, 0.3188, 0.3131



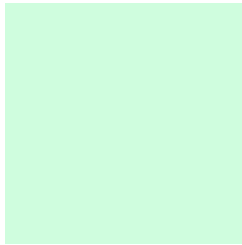
12.6894, 0.4250, 0.2115



1.2556, 0.4100, 0.2032

Previews

White Background



This preview shows how the Yxy color 88.7899, 0.3020, 0.3621 looks on a white background.

Color Contrast Check

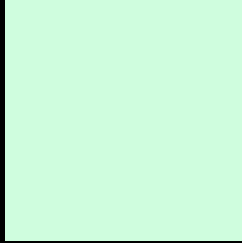
Large Text (above 18pt) WCAG AA × Fail

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 88.7899, 0.3020, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

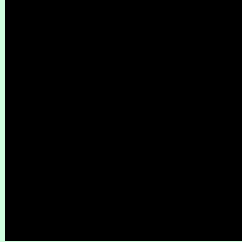
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

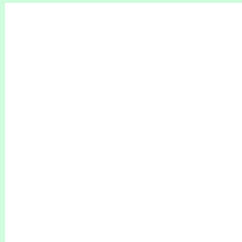
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7899, 0.3020, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 88.7899, 0.3020, 0.3621.



This preview shows how white text looks on a background with the Yxy color 88.7899, 0.3020, 0.3621.

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

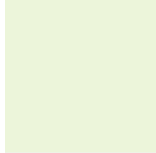
88.4153, 0.2962, 0.3179

Trichromacy



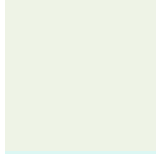
Original Color

88.7899, 0.3020, 0.3621



Protanomaly

88.1996, 0.3232, 0.3567



Deuteranomaly

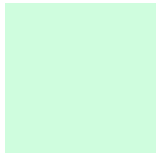
87.9915, 0.3173, 0.3422



Tritanomaly

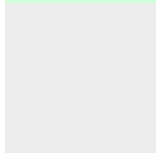
88.2082, 0.2981, 0.3331

Monochromacy



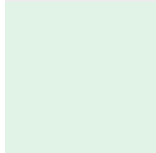
Original Color

88.7899, 0.3020, 0.3621



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.2813, 0.3083, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7899, 0.3020, 0.3621 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, 253, 222)` looks like.

```
.text, #text, p{  
    color:rgb(207, 253, 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, 253, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 253, 222) }
```

Border

The CSS property to change the border of an element to Yxy 88.7899, 0.3020, 0.3621 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, 253, 222) }
```

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

```
.border{ border-color:rgb(207, 253, 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, 253, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 253, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 253, 222); box-shadow:4px 4px 4px 4px rgb(207, 253, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7899, 0.3020, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 253, 222) }
```

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

```
.background{ background-color: rgb(207,  
253, 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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