

Converting Colors

Yxy(88.5318, 0.3020, 0.3632)

Have a look what the booklet for
Yxy(88.5318, 0.3020, 0.3632)
contains.

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Color

Yxy(88.5928, 0.3019, 0.3633)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CEFDDD |
| RGB | 206, 253, 221 |
| RGB Percent | 81%, 99%, 87% |
| CMY | 0.1924, 0.0078, 0.1332 |
| CMYK | 0.19, 0.00, 0.13, 0.01 |
| HSL | 139°, 92%, 90% |
| HSV | 139°, 19%, 99% |
| XYZ | 73.6201, 88.5928, 81.6429 |
| YIQ | 235.2990, -17.7400, -19.9160 |

Conversions

Conversions Part 2

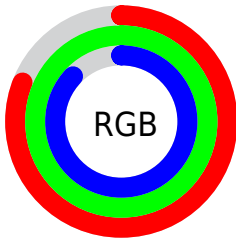
| Format | Color |
|-------------------------------------|---|
| RYB | 206, 242, 253 |
| Decimal | 13565405 |
| CIELab | 95.41, -21.03, 10.39 |
| CIELCh | 95, 23.455, 153.710 |
| Yxy | 88.5928, 0.3019, 0.3633 |
| Android (android.graphics.Color) | 4291755485 (0xFFCEFD55) |
| YUV | 235.2990, -7.0494, -25.6952 |
| Hunter-Lab | 94.1237, -25.1006, 14.4585 |

Details

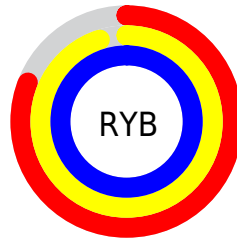
The Yxy color **88.5928, 0.3019, 0.3633** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.1693, 0.3255, 0.2970**, and the grayscale version is **83.3777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8123, 0.2992, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **84.3931, 0.2964, 0.3849**, and if you desaturate by 10%, it is **93.4767, 0.3077, 0.3439**.

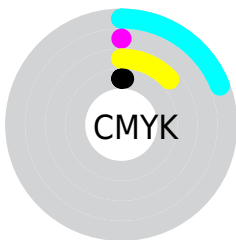
Distribution



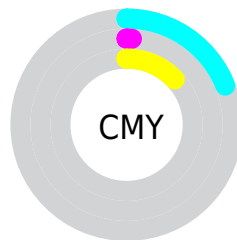
- Red (81%)
- Green (99%)
- Blue (87%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5928, 0.3019, 0.3633 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 88.5928, 0.3019, 0.3633 by changing the saturation by 10% instead.


 88.5928, 0.3019,
0.3633

 88.5928, 0.3019,
0.3633

523.4426, 0.3069,
0.3476

 66.8141, 0.3007,
0.3669

145.3822, 0.3036,
0.3579

 48.9336, 0.2993,
0.3712


181.1617, 0.3043,
0.3558

 34.5668, 0.2975,
0.3768


222.3769, 0.3049,
0.3539

 23.3294, 0.2951,
0.3840

269.4122, 0.3054,
0.3523

 14.8369, 0.2919,
0.3937

322.6520, 0.3059,
0.3509

 8.7050, 0.2872,
0.4075

382.4808, 0.3063,

 4.5493, 0.2798,

0.3497

0.4288

449.2828, 0.3066,
0.3486

■ 1.9853, 0.2667,
0.4656

■ 0.5989, 0.0854,
0.9146

■ 88.5928, 0.3019,
0.3633

■ 88.5928, 0.3019,
0.3633

■ 84.3931, 0.2964,
0.3849

■ 93.4767, 0.3077,
0.3439

■ 80.8357, 0.2913,
0.4086

■ 98.7413, 0.3128,
0.3271

■ 77.8912, 0.2871,
0.4339

■ 75.5236, 0.2841,
0.4603

■ 73.6930, 0.2825,
0.4868

■ 72.3539, 0.2827,
0.5123

■ 71.4531, 0.2845,
0.5355

■ 70.9159, 0.2878,
0.5553

■ 70.8565, 0.2883,
0.5578

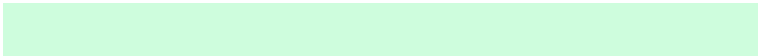
Harmonies

Analogous

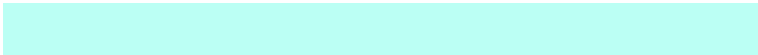
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5928, 0.3284, 0.3753



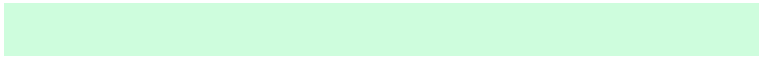
88.5928, 0.3019, 0.3633



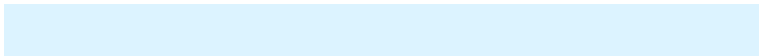
88.5928, 0.2789, 0.3409

Triad

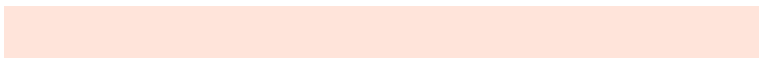
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5928, 0.3019, 0.3633



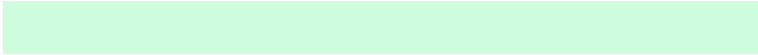
88.5928, 0.2744, 0.2860



88.5928, 0.3627, 0.3386

Complementary

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



88.5928, 0.3019, 0.3633



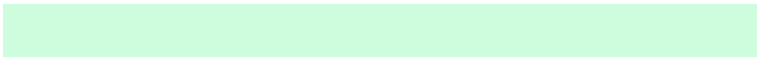
71.1693, 0.3255, 0.2970

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.



88.5928, 0.3470, 0.3165



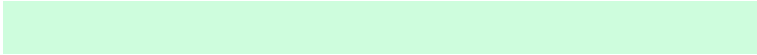
88.5928, 0.3019, 0.3633



88.5928, 0.2955, 0.2869

Square

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



88.5928, 0.3019, 0.3633



88.5928, 0.2636, 0.2961



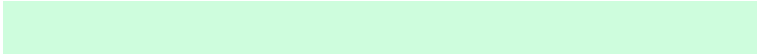
88.5928, 0.3221, 0.2980



88.5928, 0.3642, 0.3594

Rectangle

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



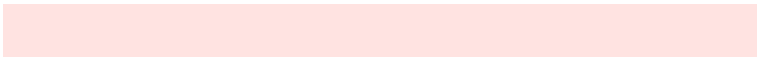
88.5928, 0.3019, 0.3633



88.5928, 0.2685, 0.3241



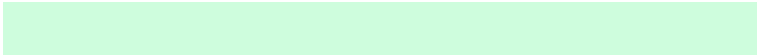
88.5928, 0.3221, 0.2980



88.5928, 0.3589, 0.3311

Sweetspot

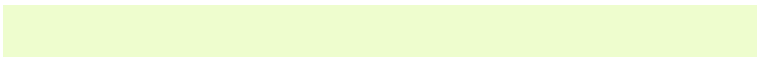
The Sweet Spot groups the original color and five complimentary colors.



88.5965, 0.3019, 0.3633



96.5611, 0.3092, 0.3392



92.9108, 0.3309, 0.3770



20.5913, 0.3088, 0.3404



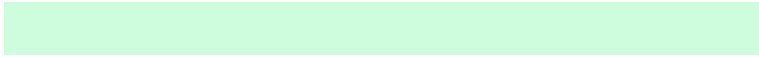
0.0000, 0.0000, 0.0000



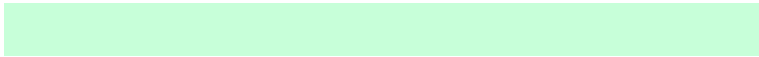
21.4041, 0.3127, 0.3290

Same Dimension

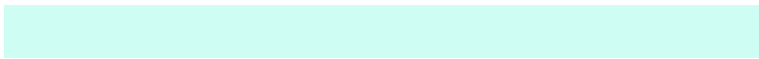
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5965, 0.3019, 0.3633



88.6517, 0.3000, 0.3704



89.9299, 0.2892, 0.3380



20.2641, 0.3072, 0.3456



37.7107, 0.2875, 0.5550



3.6907, 0.2812, 0.5324

Inverse Universe

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



71.1693, 0.3255, 0.2970



68.1767, 0.3283, 0.2909



69.8845, 0.3427, 0.3203



18.1955, 0.3187, 0.3130



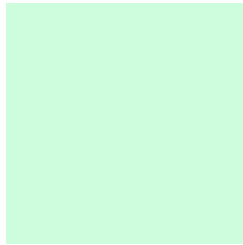
12.7197, 0.4227, 0.2102



1.2584, 0.4081, 0.2022

Previews

White Background



This preview shows how the Yxy color 88.5928, 0.3019, 0.3633 looks on a white background.

Color Contrast Check

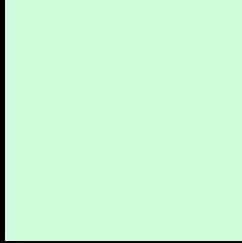
Large Text (above 18pt) WCAG AA × Fail

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 88.5928, 0.3019, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

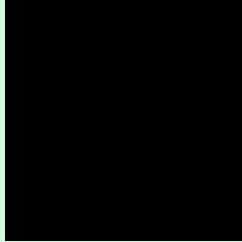
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

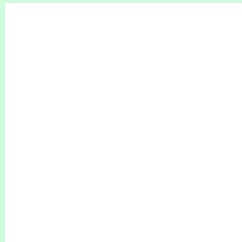
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5928, 0.3019, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 88.5928, 0.3019, 0.3633.

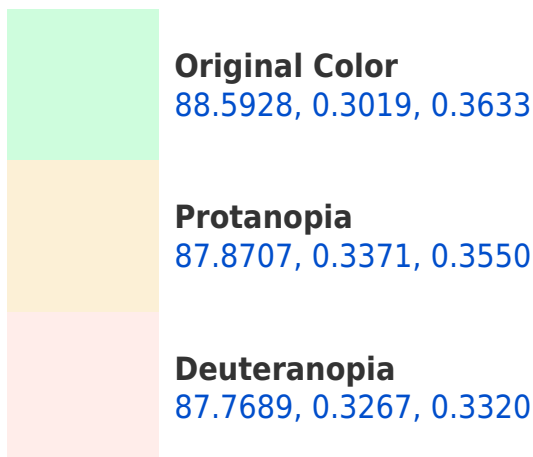


This preview shows how white text looks on a background with the Yxy color 88.5928, 0.3019, 0.3633.

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

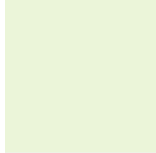
88.2523, 0.2956, 0.3179

Trichromacy



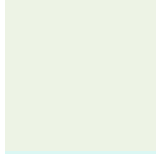
Original Color

88.5928, 0.3019, 0.3633



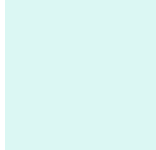
Protanomaly

87.9767, 0.3231, 0.3578



Deuteranomaly

87.7629, 0.3173, 0.3433



Tritanomaly

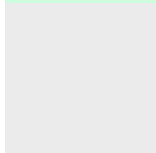
88.0527, 0.2975, 0.3331

Monochromacy



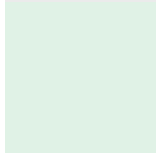
Original Color

88.5928, 0.3019, 0.3633



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.0647, 0.3082, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5928, 0.3019, 0.3633 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(206, 253, 221)` looks like.

```
.text, #text, p{  
    color:rgb(206, 253, 221)  
}
```

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(206, 253, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 253, 221) }
```

Border

The CSS property to change the border of an element to Yxy 88.5928, 0.3019, 0.3633 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(206, 253, 221) }
```

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

```
.border{ border-color:rgb(206, 253, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 253, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 253, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 253, 221);  
box-shadow:4px 4px 4px 4px rgb(206, 253,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5928, 0.3019, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 253, 221) }
```

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

```
.background{ background-color: rgb(206,  
253, 221) }
```

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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