

Converting Colors

$Yxy(88.8037, 0.3040, 0.3596)$

Have a look what the booklet for
Yxy(88.8037, 0.3040, 0.3596)
contains.

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Color

Yxy(88.7974, 0.3039, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	D3FCDF
RGB	211, 252, 223
RGB Percent	83%, 99%, 87%
CMY	0.1724, 0.0118, 0.1255
CMYK	0.16, 0.00, 0.12, 0.01
HSL	138°, 87%, 91%
HSV	138°, 16%, 99%
XYZ	75.0015, 88.7974, 82.9977
YIQ	236.4350, -15.1270, -17.7110

Conversions

Conversions Part 2

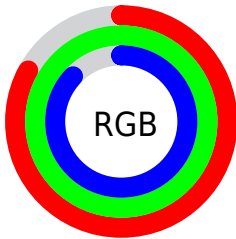
Format	Color
R_{YB}	211, 243, 252
Decimal	13892831
CIE _{Lab}	95.50, -18.54, 9.54
CIE _{LCh}	95, 20.852, 152.784
Yxy	88.7974, 0.3039, 0.3598
Android (android.graphics.Color)	4292082911 (0xFFD3FCDF)
YUV	236.4350, -6.6235, -22.3065
Hunter-Lab	94.2324, -22.8349, 13.7414

Details

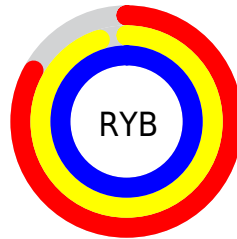
The Yxy color **88.7974, 0.3039, 0.3598** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.5962, 0.3228, 0.3001**, and the grayscale version is **84.2991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9253, 0.3016, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **84.4533, 0.2987, 0.3818**, and if you desaturate by 10%, it is **93.8339, 0.3093, 0.3401**.

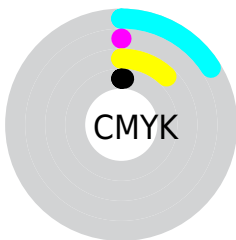
Distribution



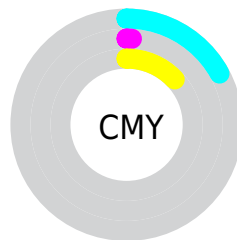
- Red (83%)
- Green (99%)
- Blue (87%)



- Red (83%)
- Yellow (95%)
- Blue (99%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (17%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7974, 0.3039, 0.3598 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 88.7974, 0.3039, 0.3598 by changing the saturation by 10% instead.


 88.7974, 0.3039,
0.3598

 88.7974, 0.3039,
0.3598


524.1110, 0.3080,
0.3457

 66.9837, 0.3030,
0.3630


145.6668, 0.3053,
0.3549

 49.0713, 0.3018,
0.3669


181.4912, 0.3059,
0.3531

 34.6761, 0.3003,
0.3718


222.7547, 0.3064,
0.3514

 23.4135, 0.2984,
0.3782

269.8416, 0.3068,
0.3500

 14.8991, 0.2958,
0.3868

323.1362, 0.3071,
0.3487

 8.7486, 0.2919,
0.3991

383.0231, 0.3075,

 4.5776, 0.2860,

0.3476

0.4178

449.8866, 0.3077,
0.3466

■ 2.0016, 0.2753,
0.4501

■ 0.6084, 0.1711,
0.8289

■ 88.7974, 0.3039,
0.3598

■ 88.7974, 0.3039,
0.3598

■ 84.4533, 0.2987,
0.3818

■ 93.8339, 0.3093,
0.3401

■ 80.7600, 0.2938,
0.4060

■ 98.0987, 0.3128,
0.3261

■ 77.6889, 0.2897,
0.4321

■ 75.2044, 0.2865,
0.4594

■ 73.2676, 0.2847,
0.4869

■ 71.8345, 0.2845,
0.5134

■ 70.8539, 0.2860,
0.5375

■ 70.2630, 0.2889,
0.5579

■ 70.1077, 0.2902,
0.5646

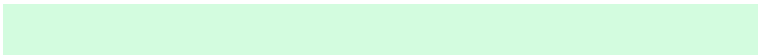
Harmonies

Analogous

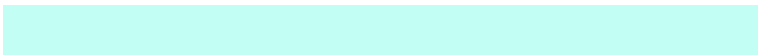
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7974, 0.3275, 0.3701



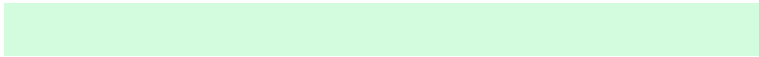
88.7974, 0.3039, 0.3598



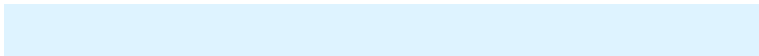
88.7974, 0.2832, 0.3403

Triad

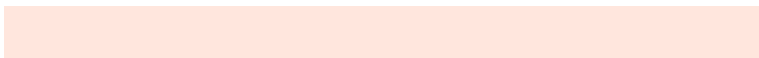
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7974, 0.3039, 0.3598



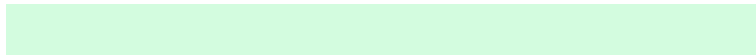
88.7974, 0.2781, 0.2908



88.7974, 0.3568, 0.3371

Complementary

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



88.7974, 0.3039, 0.3598



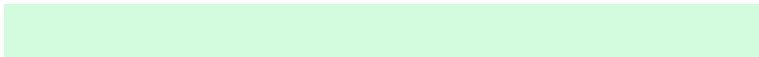
73.5962, 0.3228, 0.3001

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.



88.7974, 0.3426, 0.3173



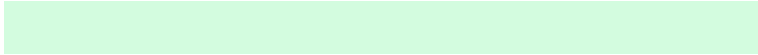
88.7974, 0.3039, 0.3598



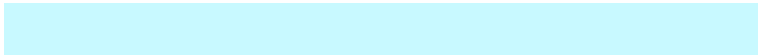
88.7974, 0.2968, 0.2912

Square

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



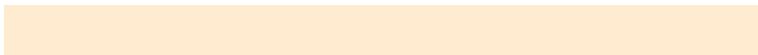
88.7974, 0.3039, 0.3598



88.7974, 0.2687, 0.3003



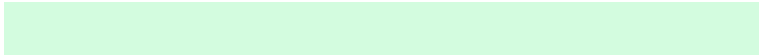
88.7974, 0.3204, 0.3009



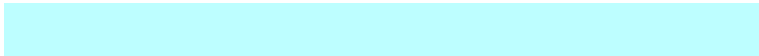
88.7974, 0.3586, 0.3557

Rectangle

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



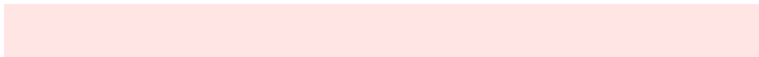
88.7974, 0.3039, 0.3598



88.7974, 0.2737, 0.3254



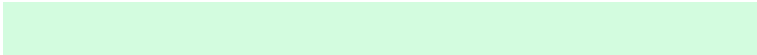
88.7974, 0.3204, 0.3009



88.7974, 0.3533, 0.3304

Sweetspot

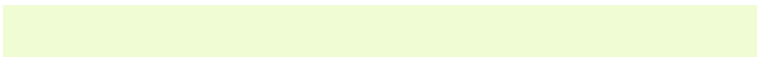
The Sweet Spot groups the original color and five complimentary colors.



88.8012, 0.3039, 0.3598



97.0937, 0.3100, 0.3378



92.9178, 0.3295, 0.3705



20.6978, 0.3096, 0.3391



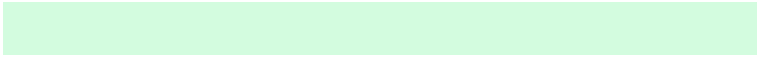
0.0000, 0.0000, 0.0000



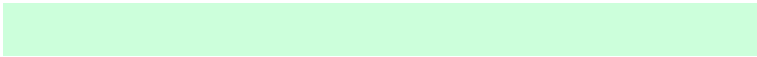
21.4041, 0.3127, 0.3290

Same Dimension

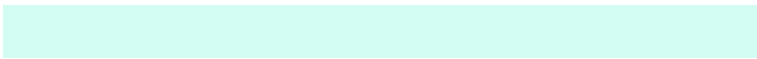
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8012, 0.3039, 0.3598



89.4663, 0.3019, 0.3678



89.9519, 0.2928, 0.3382



19.3926, 0.3076, 0.3462



36.5431, 0.2894, 0.5617



3.4021, 0.2829, 0.5384

Inverse Universe

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



73.5962, 0.3228, 0.3001



70.7433, 0.3256, 0.2931



72.4655, 0.3372, 0.3200



17.4331, 0.3183, 0.3124



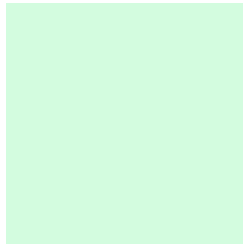
12.4903, 0.4118, 0.2042



1.1753, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 88.7974, 0.3039, 0.3598 looks on a white background.

Color Contrast Check

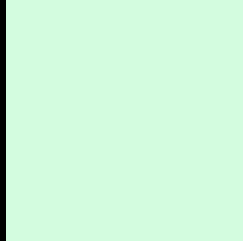
Large Text (above 18pt) WCAG AA × Fail

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 88.7974, 0.3039, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

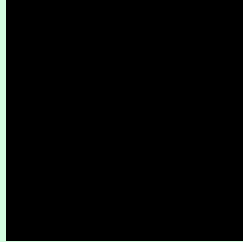
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

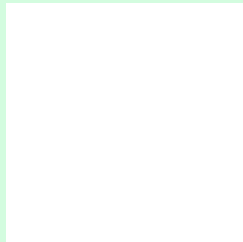
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7974, 0.3039, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 88.7974, 0.3039, 0.3598.

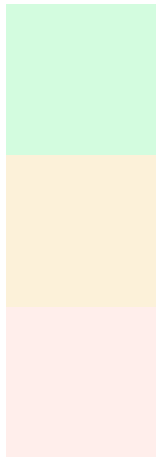


This preview shows how white text looks on a background with the Yxy color 88.7974, 0.3039, 0.3598.

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

88.7974, 0.3039, 0.3598

Protanopia

88.6158, 0.3351, 0.3530

Deuteranopia

88.4072, 0.3260, 0.3320



Tritanopia

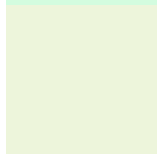
88.5794, 0.2968, 0.3179

Trichromacy



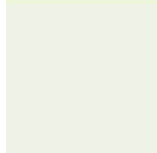
Original Color

88.7974, 0.3039, 0.3598



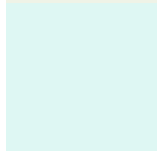
Protanomaly

88.4238, 0.3232, 0.3556



Deuteranomaly

88.2214, 0.3174, 0.3412



Tritanomaly

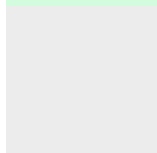
88.5222, 0.2994, 0.3331

Monochromacy



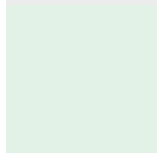
Original Color

88.7974, 0.3039, 0.3598



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.6047, 0.3096, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7974, 0.3039, 0.3598 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, 252, 223)` looks like.

```
.text, #text, p{  
    color:rgb(211, 252, 223)  
}
```

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, 252, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 252, 223) }
```

Border

The CSS property to change the border of an element to Yxy 88.7974, 0.3039, 0.3598 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, 252, 223) }
```

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

```
.border{ border-color:rgb(211, 252, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 252, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 252, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 252, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 252,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7974, 0.3039, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 252, 223) }
```

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

```
.background{ background-color: rgb(211,  
252, 223) }
```

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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