

Converting Colors

$Yxy(88.6001, 0.3139, 0.3792)$

Have a look what the booklet for
Yxy(88.6001, 0.3139, 0.3792)
contains.

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Color

Yxy(88.7038, 0.3141, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	D4FDCE
RGB	212, 253, 206
RGB Percent	83%, 99%, 81%
CMY	0.1685, 0.0078, 0.1923
CMYK	0.16, 0.00, 0.19, 0.01
HSL	112°, 92%, 90%
HSV	112°, 19%, 99%
XYZ	73.4173, 88.7038, 71.6175
YIQ	235.3830, -9.3490, -23.3090

Conversions

Conversions Part 2

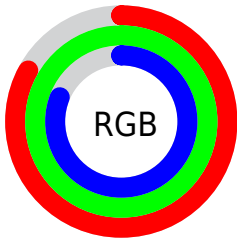
Format	Color
R_{YB}	206, 253, 247
Decimal	13958606
CIE _{Lab}	95.46, -21.65, 18.23
CIE _{LCh}	95, 28.306, 139.899
Yxy	88.7038, 0.3141, 0.3795
Android (android.graphics.Color)	4292148686 (0xFFD4FDCE)
YUV	235.3830, -14.4858, -20.5069
Hunter-Lab	94.1827, -25.6754, 20.8431

Details

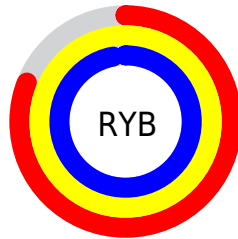
The Yxy color **88.7038, 0.3141, 0.3795** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.9790, 0.3105, 0.2821**, and the grayscale version is **83.5054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9150, 0.3137, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **84.5200, 0.3145, 0.4110**, and if you desaturate by 10%, it is **93.5402, 0.3134, 0.3510**.

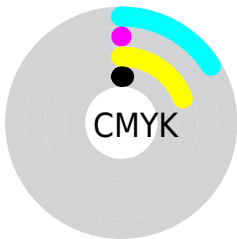
Distribution



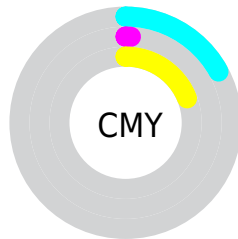
- Red (83%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (97%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)




- Cyan (17%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7038, 0.3141, 0.3795 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 88.7038, 0.3141, 0.3795 by changing the saturation by 10% instead.

 88.7038, 0.3141,
0.3795

 88.7038, 0.3141,
0.3795


523.8053, 0.3139,
0.3562

 66.9061, 0.3141,
0.3848

145.5366, 0.3141,
0.3714

 49.0083, 0.3140,
0.3913

181.3405, 0.3141,
0.3683

 34.6261, 0.3138,
0.3996


222.5819, 0.3140,
0.3656

 23.3750, 0.3134,
0.4103

269.6452, 0.3140,
0.3632

 14.8706, 0.3127,
0.4248

322.9148, 0.3140,
0.3612

 8.7286, 0.3112,
0.4455

382.7750, 0.3139,

 4.5646, 0.3079,

0.3593

0.4773

449.6104, 0.3139,
0.3577

■ 1.9941, 0.3034,
0.5379

■ 0.6041, 0.0702,
0.9298

■ 88.7038, 0.3141,
0.3795

■ 88.7038, 0.3141,
0.3795

■ 84.5200, 0.3145,
0.4110

■ 93.5402, 0.3134,
0.3510

■ 80.9500, 0.3144,
0.4449

■ 98.7332, 0.3128,
0.3271

■ 77.9682, 0.3139,
0.4799

■ 75.5427, 0.3127,
0.5140

■ 73.6385, 0.3109,
0.5449

■ 72.2168, 0.3085,
0.5700

■ 71.2328, 0.3058,
0.5875

■ 70.6306, 0.3031,
0.5969

■ 70.5699, 0.3028,
0.5978

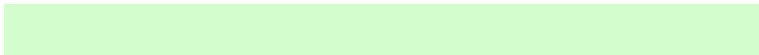
Harmonies

Analogous

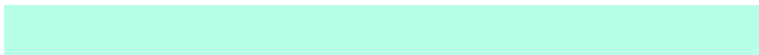
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7038, 0.3453, 0.3860



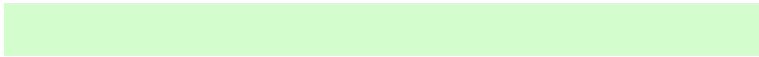
88.7038, 0.3141, 0.3795



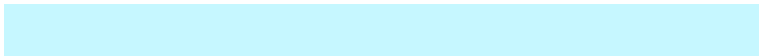
88.7038, 0.2836, 0.3570

Triad

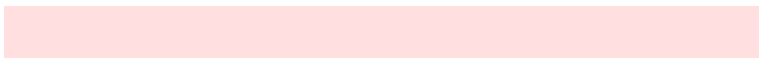
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7038, 0.3141, 0.3795



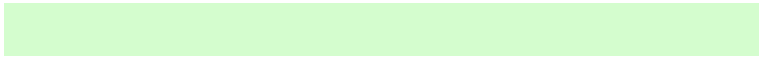
88.7038, 0.2591, 0.2812



88.7038, 0.3663, 0.3278

Complementary

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



88.7038, 0.3141, 0.3795



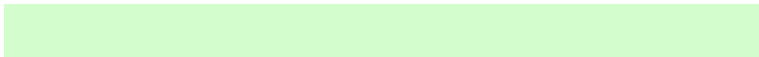
70.9790, 0.3105, 0.2821

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.



88.7038, 0.3410, 0.3029



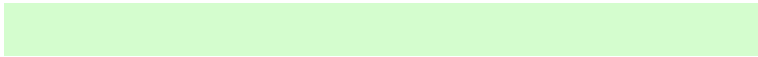
88.7038, 0.3141, 0.3795



88.7038, 0.2790, 0.2766

Square

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



88.7038, 0.3141, 0.3795



88.7038, 0.2529, 0.2988



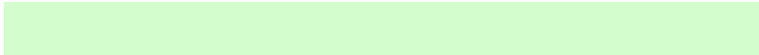
88.7038, 0.3087, 0.2846



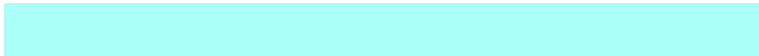
88.7038, 0.3764, 0.3542

Rectangle

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



88.7038, 0.3141, 0.3795



88.7038, 0.2676, 0.3369



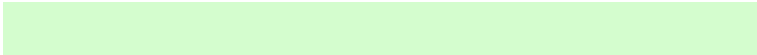
88.7038, 0.3087, 0.2846



88.7038, 0.3592, 0.3191

Sweetspot

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



88.7076, 0.3141, 0.3795



96.6126, 0.3132, 0.3441



91.6951, 0.3419, 0.3696



20.6034, 0.3133, 0.3458



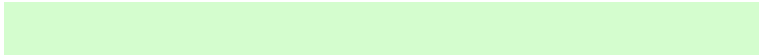
0.0000, 0.0000, 0.0000



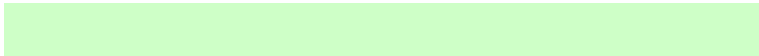
21.4041, 0.3127, 0.3290

Same Dimension

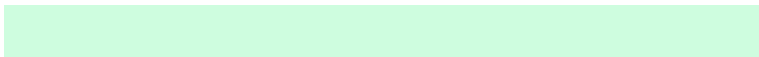
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7076, 0.3141, 0.3795



88.7790, 0.3143, 0.3900



88.7082, 0.3007, 0.3609



20.2803, 0.3135, 0.3534



37.5729, 0.3033, 0.5974



3.6917, 0.3088, 0.5930

Inverse Universe

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



70.9790, 0.3105, 0.2821



67.9356, 0.3100, 0.2732



71.0485, 0.3270, 0.2991



18.1747, 0.3117, 0.3054



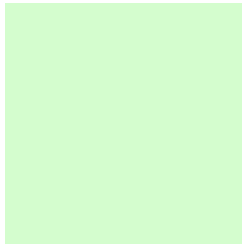
11.9456, 0.2885, 0.1363



1.1948, 0.2924, 0.1385

Previews

White Background



This preview shows how the Yxy color 88.7038, 0.3141, 0.3795 looks on a white background.

Color Contrast Check

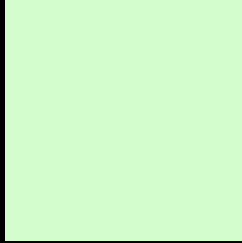
Large Text (above 18pt) WCAG AA × Fail

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 88.7038, 0.3141, 0.3795 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

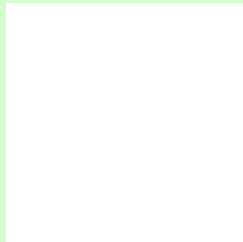
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7038, 0.3141, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 88.7038, 0.3141, 0.3795.

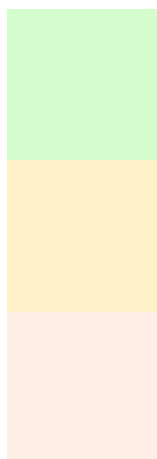


This preview shows how white text looks on a background with the Yxy color 88.7038, 0.3141, 0.3795.

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

88.7038, 0.3141, 0.3795

Protanopia

88.3407, 0.3481, 0.3700

Deuteranopia

88.1222, 0.3292, 0.3369



Tritanopia

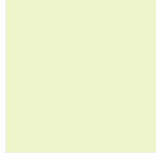
88.1442, 0.2975, 0.3169

Trichromacy



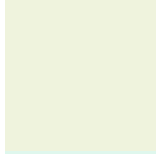
Original Color

88.7038, 0.3141, 0.3795



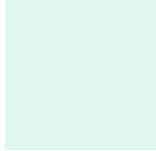
Protanomaly

87.9198, 0.3350, 0.3733



Deuteranomaly

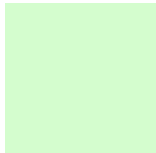
87.6724, 0.3235, 0.3515



Tritanomaly

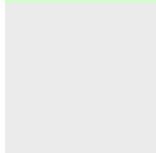
88.3239, 0.3034, 0.3393

Monochromacy



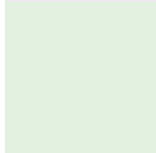
Original Color

88.7038, 0.3141, 0.3795



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.2170, 0.3138, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7038, 0.3141, 0.3795 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(212, 253, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 253, 206)  
}
```

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(212, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 253, 206) }
```

Border

The CSS property to change the border of an element to Yxy 88.7038, 0.3141, 0.3795 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(212, 253, 206) }
```

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

```
.border{ border-color:rgb(212, 253, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 253, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 253, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 253, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 253,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7038, 0.3141, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 253, 206) }
```

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

```
.background{ background-color: rgb(212,  
253, 206) }
```

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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