

Converting Colors

Yxy(88.4387, 0.3004, 0.3649)

Have a look what the booklet for
Yxy(88.4387, 0.3004, 0.3649)
contains.

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Color

Yxy(88.7474, 0.3007, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	CBFEDC
RGB	203, 254, 220
RGB Percent	80%, 100%, 86%
CMY	0.2039, 0.0039, 0.1372
CMYK	0.20, 0.00, 0.13, 0.00
HSL	140°, 96%, 90%
HSV	140°, 20%, 100%
XYZ	72.9933, 88.7474, 81.0038
YIQ	234.8750, -19.4820, -21.3860

Conversions

Conversions Part 2

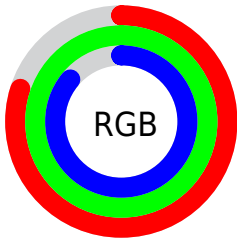
Format	Color
R _{YB}	203, 241, 254
Decimal	13369052
CIE _{Lab}	95.47, -22.61, 10.98
CIE _{LCh}	95, 25.137, 154.112
Y _{xy}	88.7474, 0.3007, 0.3656
Android (android.graphics.Color)	4291559132 (0xFFC _B FEDC)
YUV	234.8750, -7.3334, -27.9544
Hunter-Lab	94.2058, -26.5535, 14.9630

Details

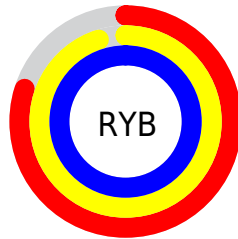
The Yxy color **88.7474, 0.3007, 0.3656** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.9050, 0.3272, 0.2950**, and the grayscale version is **83.0508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9450, 0.2977, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **84.6197, 0.2951, 0.3871**, and if you desaturate by 10%, it is **93.5576, 0.3066, 0.3463**.

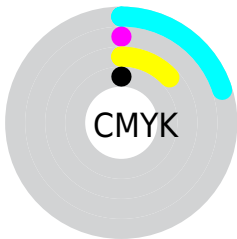
Distribution



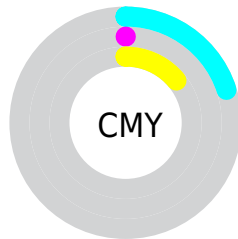
- Red (80%)
- Green (100%)
- Blue (86%)



- Red (80%)
- Yellow (95%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7474, 0.3007, 0.3656 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 88.7474, 0.3007, 0.3656 by changing the saturation by 10% instead.

 88.7474, 0.3007,
0.3656

 88.7474, 0.3007,
0.3656

523.9477, 0.3063,
0.3488

 66.9422, 0.2994,
0.3694


145.5972, 0.3026,
0.3598

 49.0377, 0.2978,
0.3741


181.4107, 0.3034,
0.3575

 34.6494, 0.2958,
0.3800


222.6624, 0.3040,
0.3556

 23.3929, 0.2932,
0.3877

269.7366, 0.3046,
0.3539

 14.8839, 0.2896,
0.3981

323.0179, 0.3051,
0.3524

 8.7379, 0.2843,
0.4130

382.8906, 0.3055,

 4.5706, 0.2761,

0.3510

0.4359

449.7391, 0.3059,
0.3499

■ 1.9976, 0.2616,
0.4756

■ 0.6061, 0.0381,
0.9619

■ 88.7474, 0.3007,
0.3656

■ 88.7474, 0.3007,
0.3656

■ 84.6197, 0.2951,
0.3871

■ 93.5576, 0.3066,
0.3463


■ 81.1322, 0.2900,
0.4105


■ 99.0682, 0.3127,
0.3291


■ 78.2551, 0.2858,
0.4356


■ 99.3641, 0.3128,
0.3281

■ 75.9516, 0.2829,
0.4616

 74.1809, 0.2815,
0.4876

 72.8964, 0.2819,
0.5126

 72.0431, 0.2840,
0.5352

 71.5352, 0.2874,
0.5546

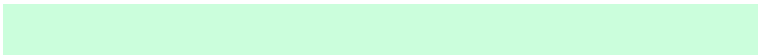
Harmonies

Analogous

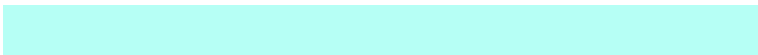
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7474, 0.3291, 0.3786



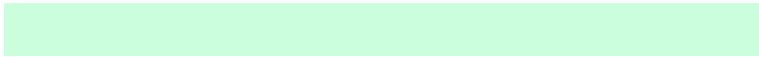
88.7474, 0.3007, 0.3656



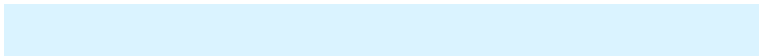
88.7474, 0.2763, 0.3414

Triad

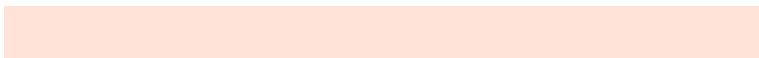
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7474, 0.3007, 0.3656



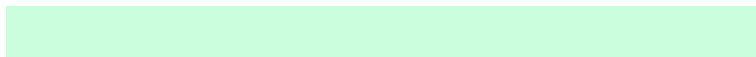
88.7474, 0.2720, 0.2830



88.7474, 0.3664, 0.3395

Complementary

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



88.7474, 0.3007, 0.3656



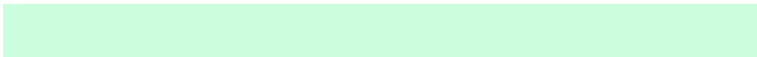
69.9050, 0.3272, 0.2950

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.



88.7474, 0.3497, 0.3159



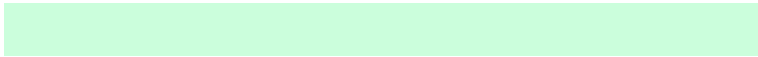
88.7474, 0.3007, 0.3656



88.7474, 0.2946, 0.2842

Square

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



88.7474, 0.3007, 0.3656



88.7474, 0.2603, 0.2935



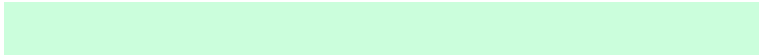
88.7474, 0.3231, 0.2961



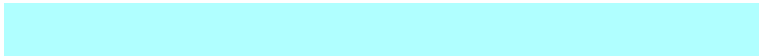
88.7474, 0.3678, 0.3617

Rectangle

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



88.7474, 0.3007, 0.3656



88.7474, 0.2653, 0.3233



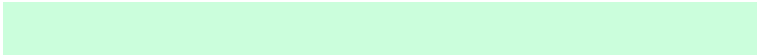
88.7474, 0.3231, 0.2961



88.7474, 0.3624, 0.3315

Sweetspot

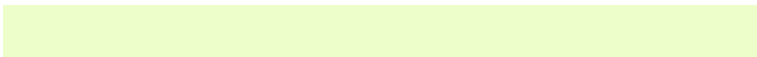
The Sweet Spot groups the original color and five complimentary colors.



88.7511, 0.3007, 0.3656



96.5733, 0.3091, 0.3390



93.2022, 0.3318, 0.3811



20.5942, 0.3087, 0.3402



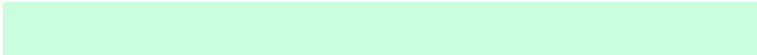
0.0000, 0.0000, 0.0000



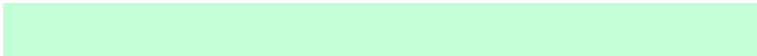
21.4041, 0.3127, 0.3290

Same Dimension

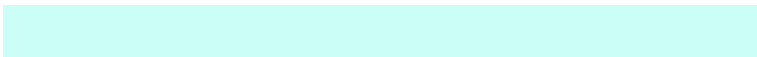
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7511, 0.3007, 0.3656



87.8286, 0.2984, 0.3738



90.2062, 0.2870, 0.3378



20.2681, 0.3070, 0.3453



37.7383, 0.2866, 0.5516



3.6938, 0.2803, 0.5290

Inverse Universe

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



69.9050, 0.3272, 0.2950



65.7292, 0.3306, 0.2881



68.5195, 0.3463, 0.3204



18.1913, 0.3189, 0.3133



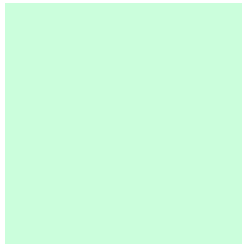
12.6535, 0.4277, 0.2130



1.2523, 0.4124, 0.2045

Previews

White Background



This preview shows how the Yxy color 88.7474, 0.3007, 0.3656 looks on a white background.

Color Contrast Check

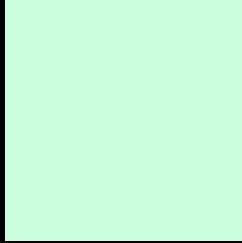
Large Text (above 18pt) WCAG AA × Fail

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 88.7474, 0.3007, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

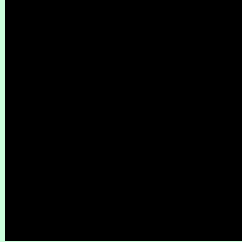
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

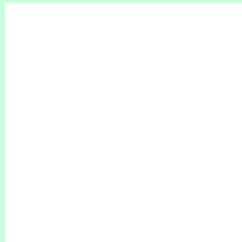
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7474, 0.3007, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 88.7474, 0.3007, 0.3656.

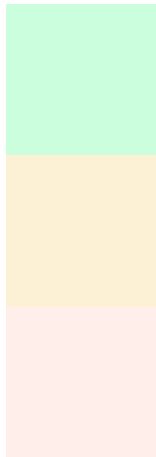


This preview shows how white text looks on a background with the Yxy color 88.7474, 0.3007, 0.3656.

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

88.7474, 0.3007, 0.3656

Protanopia

88.4101, 0.3376, 0.3570

Deuteranopia

88.3496, 0.3266, 0.3330



Tritanopia

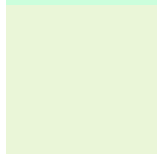
88.2523, 0.2956, 0.3179

Trichromacy



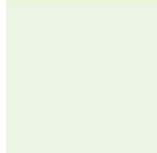
Original Color

88.7474, 0.3007, 0.3656



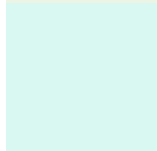
Protanomaly

88.3618, 0.3230, 0.3599



Deuteranomaly

88.1914, 0.3165, 0.3443



Tritanomaly

88.4510, 0.2975, 0.3352

Monochromacy



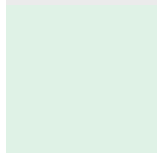
Original Color

88.7474, 0.3007, 0.3656



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.9054, 0.3076, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7474, 0.3007, 0.3656 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(203, 254, 220)` looks like.

```
.text, #text, p{  
    color:rgb(203, 254, 220)  
}
```

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(203, 254, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 254, 220) }
```

Border

The CSS property to change the border of an element to Yxy 88.7474, 0.3007, 0.3656 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(203, 254, 220) }
```

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

```
.border{ border-color:rgb(203, 254, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 254, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 254, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 254, 220);  
box-shadow:4px 4px 4px 4px rgb(203, 254,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7474, 0.3007, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 254, 220) }
```

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

```
.background{ background-color: rgb(203,  
254, 220) }
```

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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