

Converting Colors

Yxy(88.4815, 0.3076, 0.3567)

Have a look what the booklet for
Yxy(88.4815, 0.3076, 0.3567)
contains.

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Color

Yxy(88.5047, 0.3071, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	D9FAE0
RGB	217, 250, 224
RGB Percent	85%, 98%, 88%
CMY	0.1488, 0.0196, 0.1217
CMYK	0.13, 0.00, 0.10, 0.02
HSL	133°, 77%, 92%
HSV	133°, 13%, 98%
XYZ	76.2620, 88.5047, 83.5629
YIQ	237.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

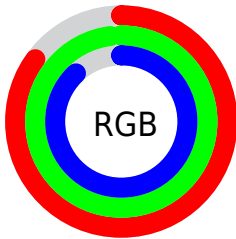
Format	Color
RYP	217, 244, 250
Decimal	14285536
CIELab	95.37, -15.44, 8.91
CIElCh	95, 17.828, 150.010
Yxy	88.5047, 0.3071, 0.3564
Android (android.graphics.Color)	4292475616 (0xFFD9FAE0)
YUV	237.1690, -6.4923, -17.6882
Hunter-Lab	94.0769, -19.9363, 13.1901

Details

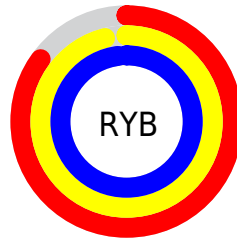
The Yxy color **88.5047, 0.3071, 0.3564** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4487, 0.3189, 0.3031**, and the grayscale version is **84.8891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6859, 0.3056, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **83.9524, 0.3029, 0.3803**, and if you desaturate by 10%, it is **93.7693, 0.3114, 0.3352**.

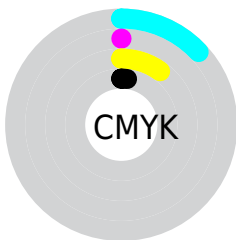
Distribution



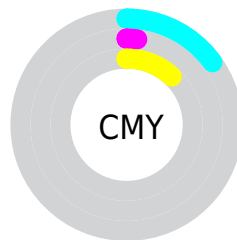
- Red (85%)
- Green (98%)
- Blue (88%)



- Red (85%)
- Yellow (96%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5047, 0.3071, 0.3564 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 88.5047, 0.3071, 0.3564 by changing the saturation by 10% instead.

 88.5047, 0.3071,
0.3564

 88.5047, 0.3071,
0.3564


523.1546, 0.3097,
0.3439

 66.7411, 0.3065,
0.3592

145.2596, 0.3080,
0.3521

 48.8743, 0.3057,
0.3627


181.0197, 0.3084,
0.3504

 34.5198, 0.3048,
0.3670


222.2141, 0.3087,
0.3490

 23.2932, 0.3035,
0.3727

269.2273, 0.3089,
0.3477

 14.8101, 0.3018,
0.3803

322.4435, 0.3092,
0.3466

 8.6862, 0.2992,
0.3910

382.2472, 0.3094,

 4.5371, 0.2952,

0.3456

0.4075

449.0228, 0.3096,
0.3447

■ 1.9783, 0.2878,
0.4357

■ 0.5948, 0.2332,
0.7363

■ 88.5047, 0.3071,
0.3564

■ 88.5047, 0.3071,
0.3564

■ 83.9524, 0.3029,
0.3803

■ 93.7693, 0.3114,
0.3352

■ 80.0708, 0.2988,
0.4067

■ 96.8493, 0.3129,
0.3242

■ 76.8312, 0.2953,
0.4353

■ 74.1985, 0.2924,
0.4652

■ 72.1340, 0.2906,
0.4953

■ 70.5945, 0.2900,
0.5239

■ 69.5304, 0.2908,
0.5493

■ 68.8823, 0.2929,
0.5699

■ 68.6221, 0.2947,
0.5807

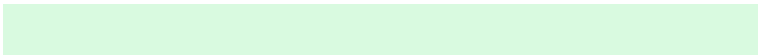
Harmonies

Analogous

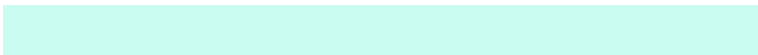
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5047, 0.3273, 0.3643



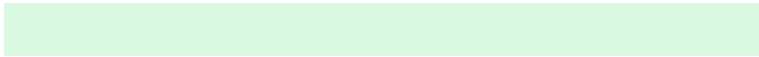
88.5047, 0.3071, 0.3564



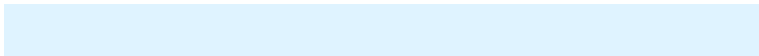
88.5047, 0.2889, 0.3404

Triad

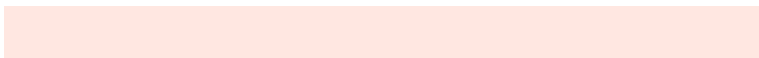
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5047, 0.3071, 0.3564



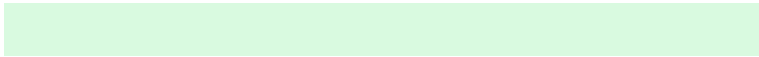
88.5047, 0.2819, 0.2966



88.5047, 0.3496, 0.3345

Complementary

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



88.5047, 0.3071, 0.3564



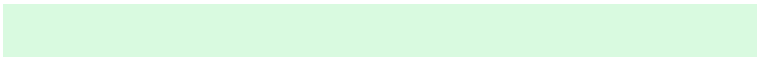
76.4487, 0.3189, 0.3031

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.



88.5047, 0.3367, 0.3175



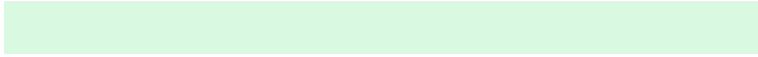
88.5047, 0.3071, 0.3564



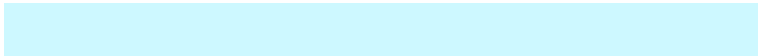
88.5047, 0.2974, 0.2961

Square

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



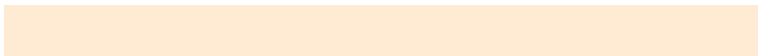
88.5047, 0.3071, 0.3564



88.5047, 0.2746, 0.3057



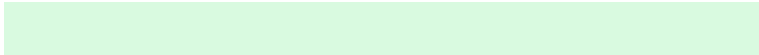
88.5047, 0.3174, 0.3037



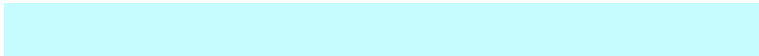
88.5047, 0.3523, 0.3507

Rectangle

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



88.5047, 0.3071, 0.3564



88.5047, 0.2801, 0.3278



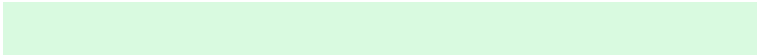
88.5047, 0.3174, 0.3037



88.5047, 0.3463, 0.3288

Sweetspot

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



88.5085, 0.3071, 0.3564



97.6084, 0.3110, 0.3368



92.5087, 0.3281, 0.3622



20.7989, 0.3107, 0.3384



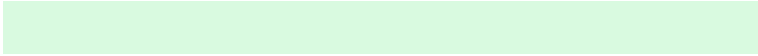
0.0000, 0.0000, 0.0000



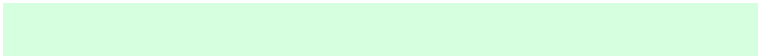
21.4041, 0.3127, 0.3290

Same Dimension

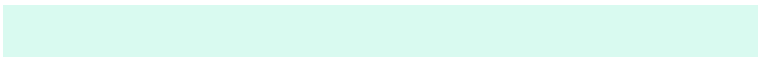
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5085, 0.3071, 0.3564



91.1618, 0.3059, 0.3629



89.4261, 0.2980, 0.3392



19.3689, 0.3087, 0.3483



36.4171, 0.2940, 0.5784



3.3876, 0.2882, 0.5575

Inverse Universe

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



76.4487, 0.3189, 0.3031



76.1344, 0.3204, 0.2973



75.5155, 0.3300, 0.3190



17.4584, 0.3170, 0.3105



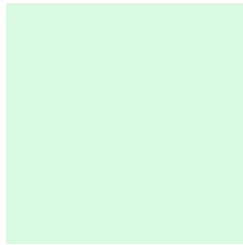
12.9518, 0.3825, 0.1881



1.2147, 0.3737, 0.1832

Previews

White Background



This preview shows how the Yxy color 88.5047, 0.3071, 0.3564 looks on a white background.

Color Contrast Check

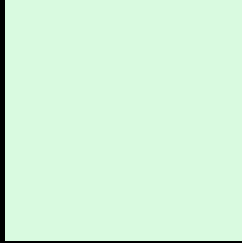
Large Text (above 18pt) WCAG AA × Fail

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 88.5047, 0.3071, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

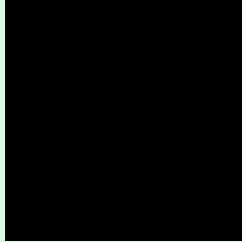
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

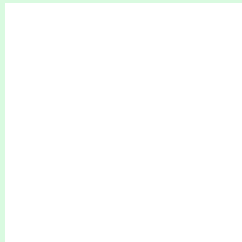
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5047, 0.3071, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 88.5047, 0.3071, 0.3564.

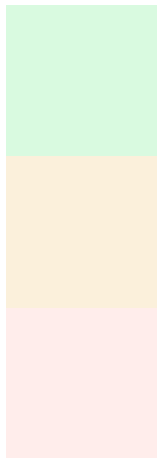


This preview shows how white text looks on a background with the Yxy color 88.5047, 0.3071, 0.3564.

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

88.5047, 0.3071, 0.3564

Protanopia

87.9439, 0.3332, 0.3500

Deuteranopia

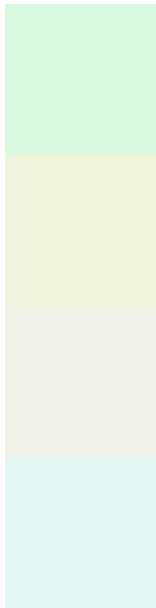
87.8265, 0.3261, 0.3310



Tritanopia

88.3101, 0.2981, 0.3169

Trichromacy



Original Color

88.5047, 0.3071, 0.3564

Protanomaly

88.2725, 0.3234, 0.3525

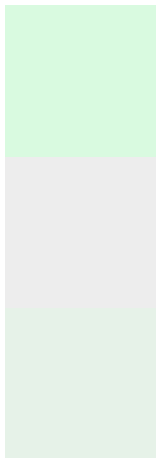
Deuteranomaly

87.9746, 0.3188, 0.3401

Tritanomaly

88.6119, 0.3013, 0.3310

Monochromacy



Original Color

88.5047, 0.3071, 0.3564

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

86.1535, 0.3109, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5047, 0.3071, 0.3564 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(217, 250, 224)` looks like.

```
.text, #text, p{  
    color:rgb(217, 250, 224)  
}
```

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(217, 250, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 250, 224) }
```

Border

The CSS property to change the border of an element to Yxy 88.5047, 0.3071, 0.3564 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(217, 250, 224) }
```

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

```
.border{ border-color:rgb(217, 250, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 250, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 250, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 250, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 250,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5047, 0.3071, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 250, 224) }
```

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

```
.background{ background-color: rgb(217,  
250, 224) }
```

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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