

Converting Colors

$Yxy(88.7330, 0.3184, 0.3759)$

Have a look what the booklet for
Yxy(88.7330, 0.3184, 0.3759)
contains.

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Color

Yxy(88.5594, 0.3181, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	DBFBCF
RGB	219, 251, 207
RGB Percent	86%, 98%, 81%
CMY	0.1410, 0.0157, 0.1882
CMYK	0.13, 0.00, 0.18, 0.02
HSL	104°, 85%, 90%
HSV	104°, 18%, 98%
XYZ	74.9820, 88.5594, 72.1770
YIQ	236.4160, -4.9480, -20.4680

Conversions

Conversions Part 2

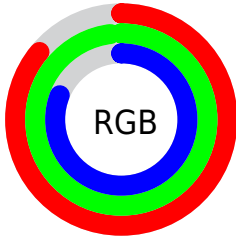
Format	Color
R _{YB}	207, 251, 239
Decimal	14416847
CIE _{Lab}	95.40, -18.15, 17.68
CIE _{LCh}	95, 25.339, 135.763
Y _{xy}	88.5594, 0.3181, 0.3757
Android (android.graphics.Color)	4292606927 (0xFFDBFBCF)
YUV	236.4160, -14.5021, -15.2738
Hunter-Lab	94.1060, -22.4598, 20.4002

Details

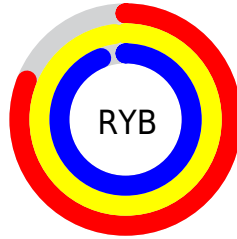
The Yxy color **88.5594, 0.3181, 0.3757** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.9389, 0.3061, 0.2843**, and the grayscale version is **84.3396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7760, 0.3189, 0.3854** is the 20% darker color. If you saturate the color by 10%, you get **84.7557, 0.3208, 0.4060**, and if you desaturate by 10%, it is **92.8757, 0.3151, 0.3480**.

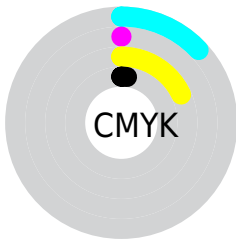
Distribution



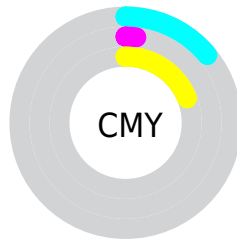
- Red (86%)
- Green (98%)
- Blue (81%)



- Red (81%)
- Yellow (98%)
- Blue (94%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)




- Cyan (14%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5594, 0.3181, 0.3757 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 88.5594, 0.3181, 0.3757 by changing the saturation by 10% instead.


 88.5594, 0.3181,
0.3757

 88.5594, 0.3181,
0.3757

523.3334, 0.3160,
0.3542

 66.7864, 0.3185,
0.3806


145.3357, 0.3175,
0.3683

 48.9111, 0.3189,
0.3865


181.1079, 0.3172,
0.3654

 34.5490, 0.3194,
0.3941


222.3152, 0.3169,
0.3629

 23.3156, 0.3199,
0.4039

269.3421, 0.3167,
0.3607

 14.8268, 0.3203,
0.4171

322.5730, 0.3165,
0.3588

 8.6979, 0.3206,
0.4359

382.3922, 0.3163,

 4.5447, 0.3200,

0.3571

0.4646

449.1842, 0.3162,
0.3556

■ 1.9827, 0.3197,
0.5182

■ 0.5974, 0.1726,
0.8274

■ 88.5594, 0.3181,
0.3757

■ 88.5594, 0.3181,
0.3757

■ 84.7557, 0.3208,
0.4060

■ 92.8757, 0.3151,
0.3480

■ 81.4341, 0.3229,
0.4383

■ 97.4718, 0.3129,
0.3252

■ 78.5779, 0.3242,
0.4715

■ 76.1652, 0.3243,
0.5041

■ 74.1722, 0.3231,
0.5340

■ 72.5726, 0.3206,
0.5592

■ 71.3366, 0.3167,
0.5778

■ 70.4281, 0.3120,
0.5892

■ 70.2441, 0.3109,
0.5914

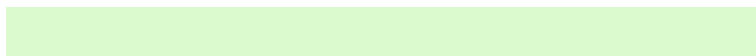
Harmonies

Analogous

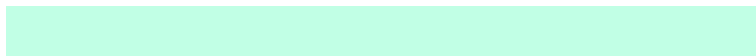
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5594, 0.3455, 0.3796



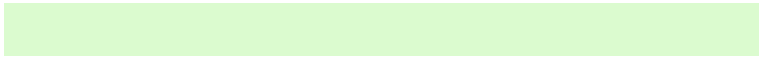
88.5594, 0.3181, 0.3757



88.5594, 0.2902, 0.3574

Triad

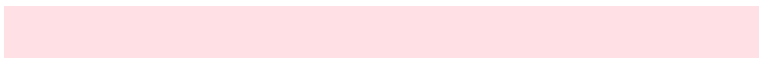
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5594, 0.3181, 0.3757



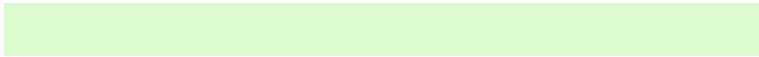
88.5594, 0.2629, 0.2877



88.5594, 0.3582, 0.3248

Complementary

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



88.5594, 0.3181, 0.3757



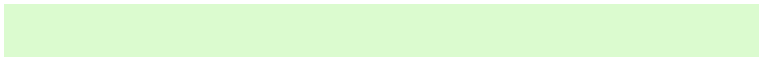
69.9389, 0.3061, 0.2843

Split Complementary

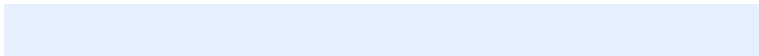
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5594, 0.3343, 0.3028



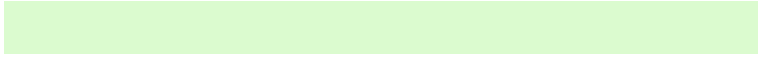
88.5594, 0.3181, 0.3757



88.5594, 0.2794, 0.2817

Square

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



88.5594, 0.3181, 0.3757



88.5594, 0.2592, 0.3052



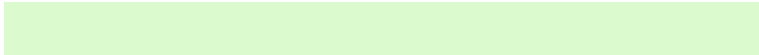
88.5594, 0.3053, 0.2873



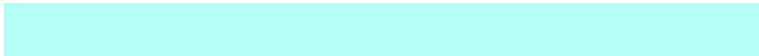
88.5594, 0.3694, 0.3487

Rectangle

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



88.5594, 0.3181, 0.3757



88.5594, 0.2749, 0.3400



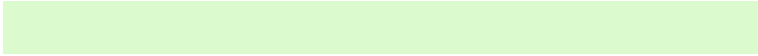
88.5594, 0.3053, 0.2873



88.5594, 0.3513, 0.3170

Sweetspot

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



88.5632, 0.3181, 0.3757



97.4912, 0.3143, 0.3415



86.4735, 0.3412, 0.3608



20.7940, 0.3145, 0.3433



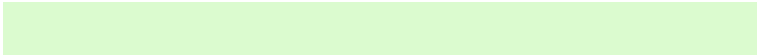
0.0000, 0.0000, 0.0000



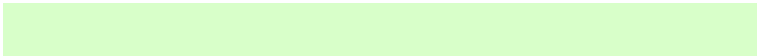
21.4041, 0.3127, 0.3290

Same Dimension

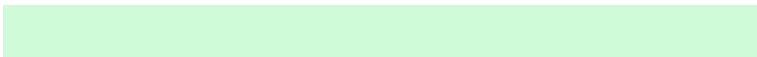
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5632, 0.3181, 0.3757



90.3718, 0.3191, 0.3860



87.2441, 0.3051, 0.3661



19.5389, 0.3157, 0.3532



36.9860, 0.3118, 0.5906



3.4757, 0.3202, 0.5839

Inverse Universe

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



69.9389, 0.3061, 0.2843



67.7907, 0.3045, 0.2749



71.5167, 0.3214, 0.2945



17.2719, 0.3094, 0.3053



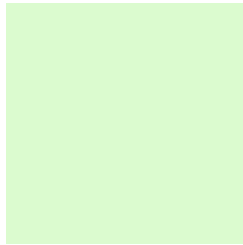
8.9871, 0.2525, 0.1165



0.8848, 0.2610, 0.1211

Previews

White Background



This preview shows how the Yxy color 88.5594, 0.3181, 0.3757 looks on a white background.

Color Contrast Check

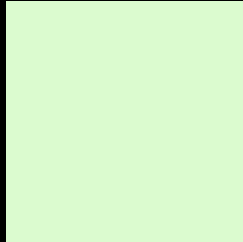
Large Text (above 18pt) WCAG AA × Fail

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 88.5594, 0.3181, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

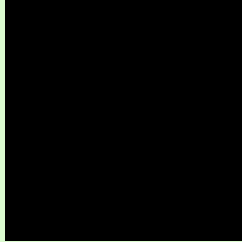
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

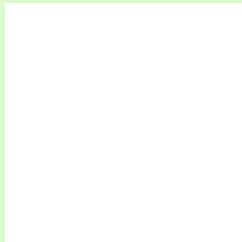
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5594, 0.3181, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 88.5594, 0.3181, 0.3757.

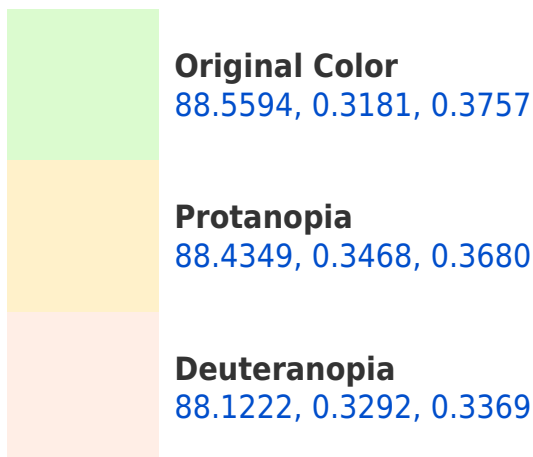


This preview shows how white text looks on a background with the Yxy color 88.5594, 0.3181, 0.3757.

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

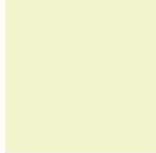
88.6448, 0.2993, 0.3170

Trichromacy



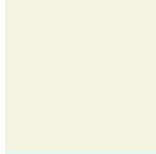
Original Color

88.5594, 0.3181, 0.3757



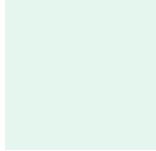
Protanomaly

88.5417, 0.3359, 0.3709



Deuteranomaly

88.2524, 0.3249, 0.3503



Tritanomaly

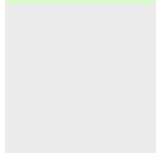
88.5786, 0.3060, 0.3372

Monochromacy



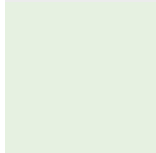
Original Color

88.5594, 0.3181, 0.3757



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.1698, 0.3152, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5594, 0.3181, 0.3757 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(219, 251, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 251, 207)  
}
```

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(219, 251, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 251, 207) }
```

Border

The CSS property to change the border of an element to Yxy 88.5594, 0.3181, 0.3757 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(219, 251, 207) }
```

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

```
.border{ border-color:rgb(219, 251, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 251, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 251, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 251, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 251,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5594, 0.3181, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 251, 207) }
```

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

```
.background{ background-color: rgb(219,  
251, 207) }
```

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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