

Converting Colors

$Yxy(94.3051, 0.3136, 0.3978)$

Have a look what the booklet for
Yxy(94.3051, 0.3136, 0.3978)
contains.

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Color

Yxy(88.7653, 0.3141, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFC7
RGB	206, 255, 199
RGB Percent	81%, 100%, 78%
CMY	0.1924, 0.0000, 0.2197
CMYK	0.19, 0.00, 0.22, 0.00
HSL	113°, 100%, 89%
HSV	113°, 22%, 100%
XYZ	71.5085, 88.7653, 67.3879
YIQ	233.9650, -11.2280, -27.8040

Conversions

Conversions Part 2

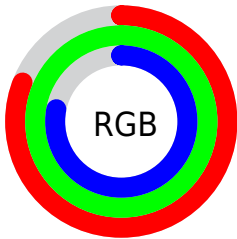
Format	Color
R_{YB}	199, 255, 248
Decimal	13565895
CIE _{Lab}	95.48, -25.77, 21.77
CIE _{LCh}	95, 33.738, 139.811
Yxy	88.7653, 0.3141, 0.3899
Android (android.graphics.Color)	4291755975 (0xFFCEFFC7)
YUV	233.9650, -17.2377, -24.5253
Hunter-Lab	94.2153, -29.3970, 23.5433

Details

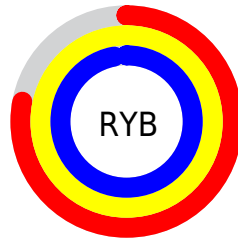
The Yxy color **88.7653, 0.3141, 0.3899** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.0255, 0.3102, 0.2733**, and the grayscale version is **82.3748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0118, 0.3138, 0.4040** is the 20% darker color. If you saturate the color by 10%, you get **84.6979, 0.3143, 0.4224**, and if you desaturate by 10%, it is **93.4673, 0.3136, 0.3603**.

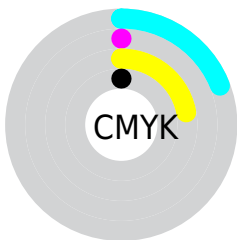
Distribution



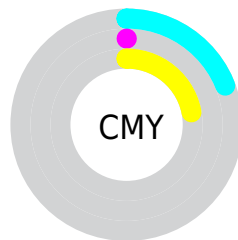
- Red (81%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (97%)



- Cyan (19%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7653, 0.3141, 0.3899 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 88.7653, 0.3141, 0.3899 by changing the saturation by 10% instead.

 88.7653, 0.3141,
0.3899

 88.7653, 0.3141,
0.3899

524.0062, 0.3140,
0.3617

 66.9571, 0.3140,
0.3963

145.6221, 0.3142,
0.3801

 49.0497, 0.3138,
0.4043


181.4395, 0.3142,
0.3763

 34.6589, 0.3134,
0.4144


222.6954, 0.3142,
0.3730

 23.4003, 0.3127,
0.4275


269.7742, 0.3142,
0.3702

 14.8893, 0.3114,
0.4453

323.0603, 0.3141,
0.3676

 8.7418, 0.3089,
0.4707

382.9380, 0.3141,

 4.5731, 0.3036,

0.3654

0.5096

449.7919, 0.3141,
0.3634

1.9990, 0.3012,
0.5962

0.6069, 0.0000,
1.0000

88.7653, 0.3141,
0.3899

88.7653, 0.3141,
0.3899

84.6979, 0.3143,
0.4224

93.4673, 0.3136,
0.3603

81.2632, 0.3140,
0.4569

98.8580, 0.3129,
0.3338

78.4210, 0.3132,
0.4919

100.0000, 0.3127,
0.3290

76.1374, 0.3118,
0.5252

■ 74.3752, 0.3098,
0.5545

■ 73.0924, 0.3073,
0.5771

■ 72.2403, 0.3046,
0.5917

■ 71.8217, 0.3026,
0.5979

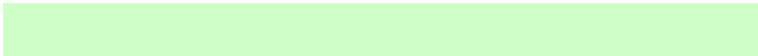
Harmonies

Analogous

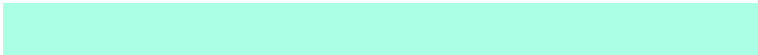
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7653, 0.3512, 0.3972



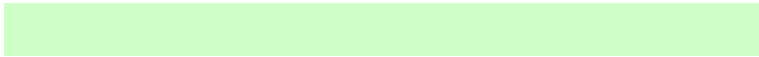
88.7653, 0.3141, 0.3899



88.7653, 0.2781, 0.3627

Triad

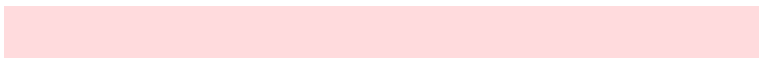
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7653, 0.3141, 0.3899



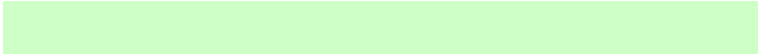
88.7653, 0.2493, 0.2724



88.7653, 0.3766, 0.3271

Complementary

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



88.7653, 0.3141, 0.3899



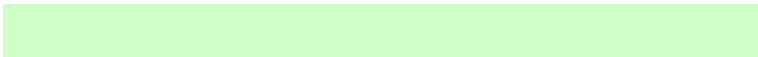
68.0255, 0.3102, 0.2733

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.



88.7653, 0.3462, 0.2981



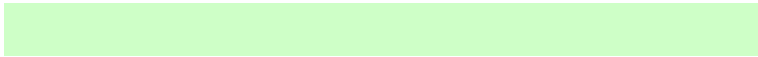
88.7653, 0.3141, 0.3899



88.7653, 0.2726, 0.2672

Square

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



88.7653, 0.3141, 0.3899



88.7653, 0.2422, 0.2928



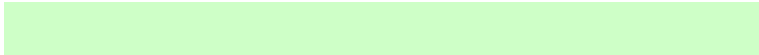
88.7653, 0.3076, 0.2767



88.7653, 0.3887, 0.3581

Rectangle

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



88.7653, 0.3141, 0.3899



88.7653, 0.2593, 0.3383



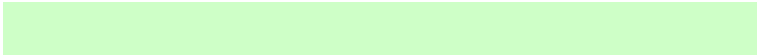
88.7653, 0.3076, 0.2767



88.7653, 0.3681, 0.3169

Sweetspot

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



88.7563, 0.3141, 0.3899



96.0577, 0.3133, 0.3467



92.2300, 0.3475, 0.3771



20.4910, 0.3133, 0.3483



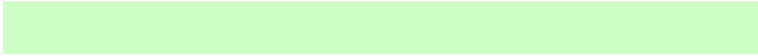
0.0000, 0.0000, 0.0000



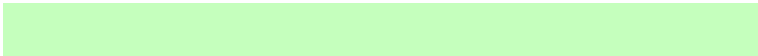
21.4041, 0.3127, 0.3290

Same Dimension

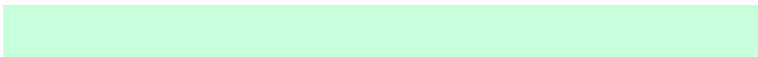
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7563, 0.3141, 0.3899



87.0422, 0.3142, 0.4027



88.8024, 0.2986, 0.3674



20.2761, 0.3134, 0.3534



37.5618, 0.3031, 0.5975



3.6897, 0.3085, 0.5933

Inverse Universe

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



68.0255, 0.3102, 0.2733



63.2183, 0.3095, 0.2628



68.0678, 0.3302, 0.2935



18.1792, 0.3118, 0.3054



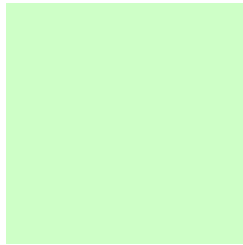
12.0432, 0.2897, 0.1370



1.2033, 0.2935, 0.1390

Previews

White Background



This preview shows how the Yxy color 88.7653, 0.3141, 0.3899 looks on a white background.

Color Contrast Check

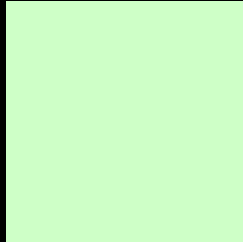
Large Text (above 18pt) WCAG AA × Fail

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 88.7653, 0.3141, 0.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

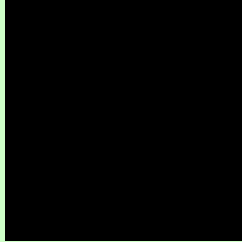
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

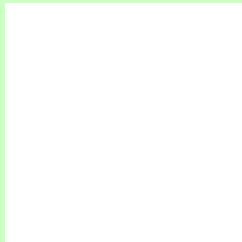
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7653, 0.3141, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 88.7653, 0.3141, 0.3899.

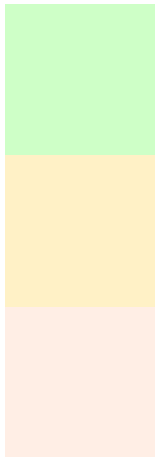


This preview shows how white text looks on a background with the Yxy color 88.7653, 0.3141, 0.3899.

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

88.7653, 0.3141, 0.3899

Protanopia

88.2478, 0.3494, 0.3720

Deuteranopia

88.0662, 0.3298, 0.3379



Tritanopia

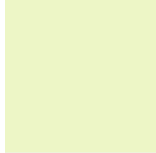
88.4153, 0.2962, 0.3179

Trichromacy



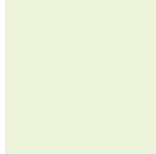
Original Color

88.7653, 0.3141, 0.3899



Protanomaly

87.9933, 0.3360, 0.3787



Deuteranomaly

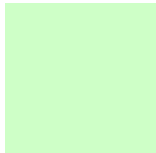
87.7678, 0.3239, 0.3557



Tritanomaly

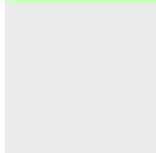
88.3486, 0.3027, 0.3425

Monochromacy



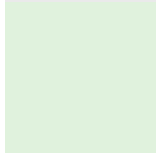
Original Color

88.7653, 0.3141, 0.3899



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.5720, 0.3136, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7653, 0.3141, 0.3899 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(206, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 199)  
}
```

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(206, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 199) }
```

Border

The CSS property to change the border of an element to Yxy 88.7653, 0.3141, 0.3899 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(206, 255, 199) }
```

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

```
.border{ border-color:rgb(206, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7653, 0.3141, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 199) }
```

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

```
.background{ background-color: rgb(206,  
255, 199) }
```

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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