

Converting Colors

$Yxy(88.5713, 0.3119, 0.3707)$

Have a look what the booklet for
Yxy(88.5713, 0.3119, 0.3707)
contains.

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Color

Yxy(88.7210, 0.3114, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	D6FCD5
RGB	214, 252, 213
RGB Percent	84%, 99%, 84%
CMY	0.1608, 0.0117, 0.1648
CMYK	0.15, 0.00, 0.15, 0.01
HSL	118°, 87%, 91%
HSV	118°, 15%, 99%
XYZ	74.5486, 88.7210, 76.1287
YIQ	236.1920, -10.1290, -20.1850

Conversions

Conversions Part 2

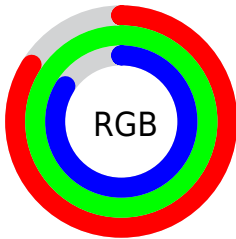
Format	Color
R _Y B	213, 252, 251
Decimal	14089429
CIE Lab	95.46, -19.34, 14.67
CIE LCh	95, 24.271, 142.820
Yxy	88.7210, 0.3114, 0.3706
Android (android.graphics.Color)	4292279509 (0xFFD6FCD5)
YUV	236.1920, -11.4337, -19.4624
Hunter-Lab	94.1918, -23.5609, 18.0143

Details

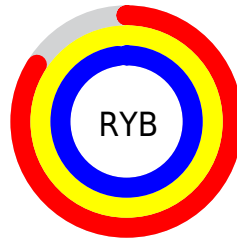
The Yxy color **88.7210, 0.3114, 0.3706** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.1115, 0.3138, 0.2905**, and the grayscale version is **84.1310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8698, 0.3111, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **84.1246, 0.3103, 0.4018**, and if you desaturate by 10%, it is **94.0800, 0.3123, 0.3428**.

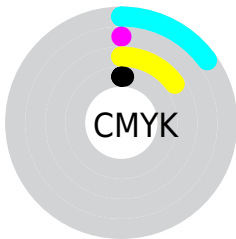
Distribution



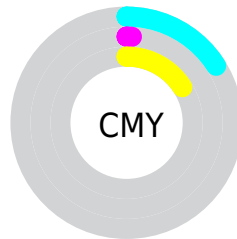
- Red (84%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (16%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7210, 0.3114, 0.3706 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 88.7210, 0.3114, 0.3706 by changing the saturation by 10% instead.


 88.7210, 0.3114,
0.3706

 88.7210, 0.3114,
0.3706


523.8615, 0.3123,
0.3515

 66.9203, 0.3111,
0.3749

145.5605, 0.3117,
0.3640

 49.0199, 0.3108,
0.3803


181.3682, 0.3119,
0.3614

 34.6353, 0.3103,
0.3870


222.6136, 0.3120,
0.3592

 23.3820, 0.3097,
0.3957

269.6813, 0.3120,
0.3573

 14.8759, 0.3086,
0.4076

322.9555, 0.3121,
0.3556

 8.7323, 0.3068,
0.4244

382.8206, 0.3122,

 4.5670, 0.3035,

0.3540

449.6612, 0.3122,
0.3527

0.4503

1.9955, 0.2967,
0.4952

0.6049, 0.1453,
0.8547

88.7210, 0.3114,
0.3706

88.7210, 0.3114,
0.3706

84.1246, 0.3103,
0.4018

94.0800, 0.3123,
0.3428

80.2456, 0.3090,
0.4359

98.1062, 0.3128,
0.3262

77.0511, 0.3076,
0.4718

74.5015, 0.3060,
0.5074

■ 72.5529, 0.3044,
0.5403

■ 71.1560, 0.3029,
0.5675

■ 70.2538, 0.3015,
0.5868

■ 69.7767, 0.3006,
0.5972

■ 69.6688, 0.3004,
0.5997

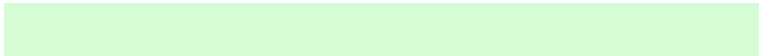
Harmonies

Analogous

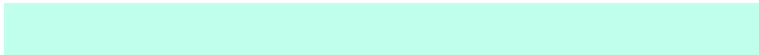
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7210, 0.3384, 0.3778



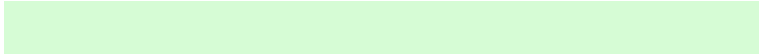
88.7210, 0.3114, 0.3706



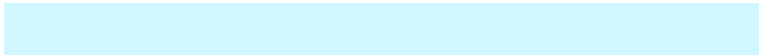
88.7210, 0.2856, 0.3505

Triad

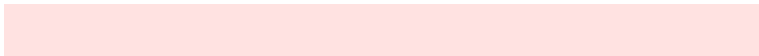
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7210, 0.3114, 0.3706



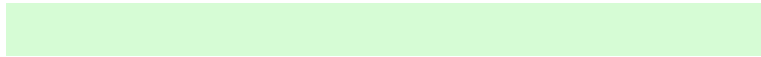
88.7210, 0.2677, 0.2870



88.7210, 0.3600, 0.3305

Complementary

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



88.7210, 0.3114, 0.3706



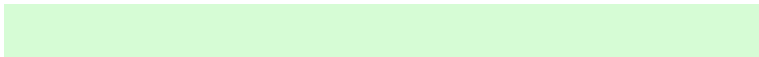
75.1115, 0.3138, 0.2905

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.



88.7210, 0.3395, 0.3085



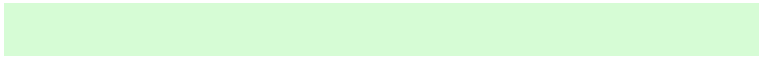
88.7210, 0.3114, 0.3706



88.7210, 0.2860, 0.2839

Square

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



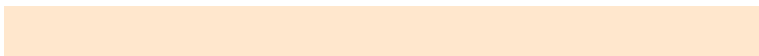
88.7210, 0.3114, 0.3706



88.7210, 0.2610, 0.3014



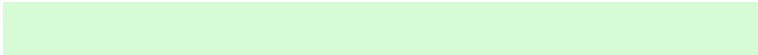
88.7210, 0.3122, 0.2918



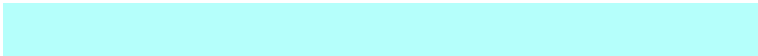
88.7210, 0.3673, 0.3531

Rectangle

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



88.7210, 0.3114, 0.3706



88.7210, 0.2723, 0.3334



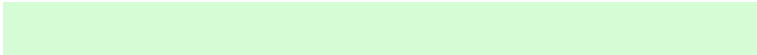
88.7210, 0.3122, 0.2918



88.7210, 0.3544, 0.3228

Sweetspot

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



88.7248, 0.3114, 0.3706



96.9266, 0.3123, 0.3415



94.3116, 0.3362, 0.3663



20.6573, 0.3123, 0.3434



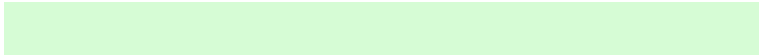
0.0000, 0.0000, 0.0000



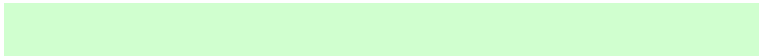
21.4041, 0.3127, 0.3290

Same Dimension

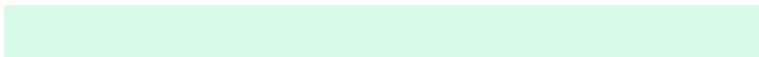
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7248, 0.3114, 0.3706



89.3867, 0.3110, 0.3812



89.5489, 0.3005, 0.3509



19.3309, 0.3120, 0.3535



36.2982, 0.3005, 0.5996



3.3692, 0.3019, 0.5985

Inverse Universe

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



75.1115, 0.3138, 0.2905



72.6480, 0.3140, 0.2815



74.2017, 0.3270, 0.3081



17.5000, 0.3134, 0.3056



13.8215, 0.3144, 0.1506



1.2872, 0.3152, 0.1510

Previews

White Background



This preview shows how the Yxy color 88.7210, 0.3114, 0.3706 looks on a white background.

Color Contrast Check

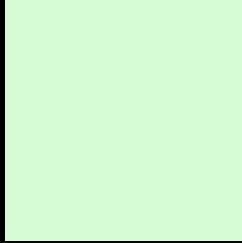
Large Text (above 18pt) WCAG AA × Fail

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 88.7210, 0.3114, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

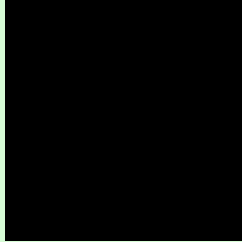
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

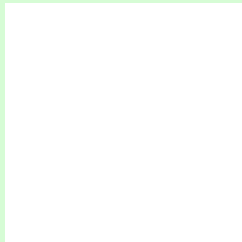
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7210, 0.3114, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 88.7210, 0.3114, 0.3706.

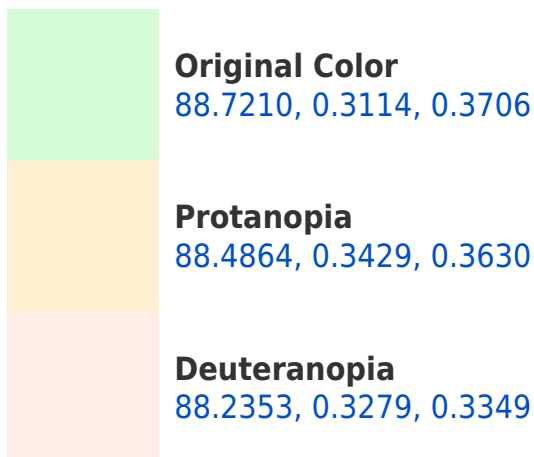


This preview shows how white text looks on a background with the Yxy color 88.7210, 0.3114, 0.3706.

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

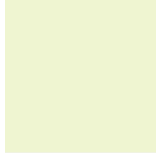
88.3101, 0.2981, 0.3169

Trichromacy



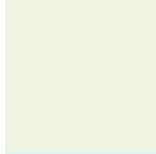
Original Color

88.7210, 0.3114, 0.3706



Protanomaly

88.2590, 0.3307, 0.3660



Deuteranomaly

88.0627, 0.3217, 0.3473



Tritanomaly

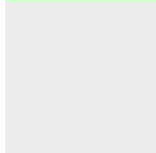
88.2104, 0.3029, 0.3351

Monochromacy



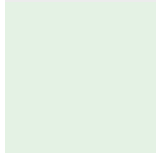
Original Color

88.7210, 0.3114, 0.3706



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.5997, 0.3120, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7210, 0.3114, 0.3706 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(214, 252, 213)` looks like.

```
.text, #text, p{  
    color:rgb(214, 252, 213)  
}
```

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(214, 252, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 252, 213) }
```

Border

The CSS property to change the border of an element to Yxy 88.7210, 0.3114, 0.3706 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(214, 252, 213) }
```

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

```
.border{ border-color:rgb(214, 252, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 252, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 252, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 252, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 252,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7210, 0.3114, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 252, 213) }
```

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

```
.background{ background-color: rgb(214,  
252, 213) }
```

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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