

Converting Colors

$Yxy(88.1254, 0.3112, 0.3684)$

Have a look what the booklet for
Yxy(88.1254, 0.3112, 0.3684)
contains.

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Color

Yxy(88.1455, 0.3109, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	D6FBD6
RGB	214, 251, 214
RGB Percent	84%, 98%, 84%
CMY	0.1607, 0.0157, 0.1609
CMYK	0.15, 0.00, 0.15, 0.02
HSL	120°, 82%, 91%
HSV	120°, 15%, 98%
XYZ	74.3675, 88.1455, 76.6878
YIQ	235.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

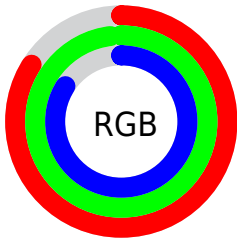
Format	Color
R_{YB}	214, 251, 251
Decimal	14089174
CIE _{Lab}	95.22, -18.67, 13.82
CIE _{LCh}	95, 23.227, 143.496
Yxy	88.1455, 0.3109, 0.3685
Android (android.graphics.Color)	4292279254 (0xFFD6FBD6)
YUV	235.7190, -10.7075, -19.0476
Hunter-Lab	93.8858, -22.9093, 17.2909

Details

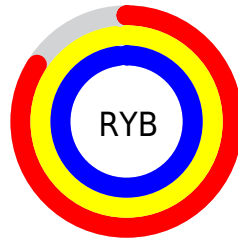
The Yxy color **88.1455, 0.3109, 0.3685** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.5394, 0.3144, 0.2924**, and the grayscale version is **83.7473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.4577, 0.3104, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **83.4787, 0.3095, 0.3996**, and if you desaturate by 10%, it is **93.5975, 0.3122, 0.3409**.

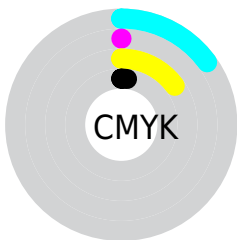
Distribution



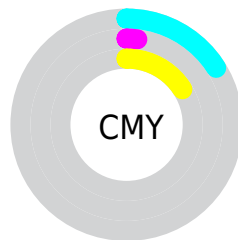
- Red (84%)
- Green (98%)
- Blue (84%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)





- Cyan (16%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1455, 0.3109, 0.3685 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 88.1455, 0.3109, 0.3685 by changing the saturation by 10% instead.

 88.1455, 0.3109,
0.3685

 88.1455, 0.3109,
0.3685


521.9796, 0.3120,
0.3504

 66.4436, 0.3106,
0.3726

144.7597, 0.3113,
0.3622

 48.6326, 0.3102,
0.3777


180.4408, 0.3115,
0.3598

 34.3281, 0.3097,
0.3841


221.5504, 0.3116,
0.3577

 23.1458, 0.3090,
0.3924

268.4728, 0.3117,
0.3558

 14.7012, 0.3078,
0.4036

321.5926, 0.3118,
0.3542

 8.6099, 0.3060,
0.4197

381.2940, 0.3118,

 4.4876, 0.3027,

0.3528

0.4444

447.9616, 0.3119,
0.3515

■ 1.9499, 0.2958,
0.4871

■ 0.5781, 0.1395,
0.8605

■ 88.1455, 0.3109,
0.3685

■ 88.1455, 0.3109,
0.3685

■ 83.4787, 0.3095,
0.3996

■ 93.5975, 0.3122,
0.3409

■ 79.5504, 0.3079,
0.4337

■ 97.4762, 0.3129,
0.3252

■ 76.3260, 0.3062,
0.4697

■ 73.7641, 0.3045,
0.5057

■ 71.8187, 0.3030,
0.5389

■ 70.4379, 0.3016,
0.5666

■ 69.5615, 0.3007,
0.5863

■ 69.1154, 0.3002,
0.5971

■ 68.9988, 0.3000,
0.6000

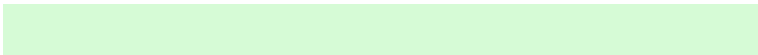
Harmonies

Analogous

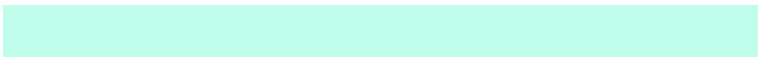
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1455, 0.3369, 0.3758



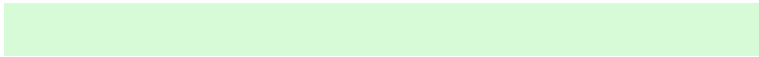
88.1455, 0.3109, 0.3685



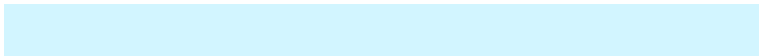
88.1455, 0.2862, 0.3491

Triad

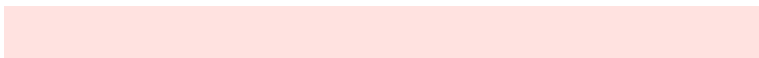
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1455, 0.3109, 0.3685



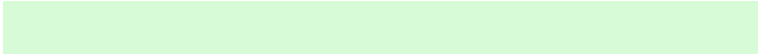
88.1455, 0.2697, 0.2885



88.1455, 0.3584, 0.3310

Complementary

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



88.1455, 0.3109, 0.3685



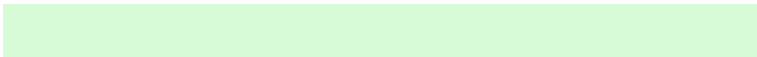
75.5394, 0.3144, 0.2924

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.



88.1455, 0.3390, 0.3097



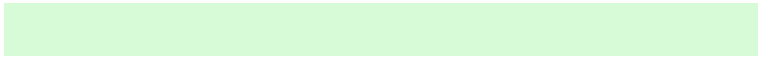
88.1455, 0.3109, 0.3685



88.1455, 0.2876, 0.2857

Square

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



88.1455, 0.3109, 0.3685



88.1455, 0.2631, 0.3022



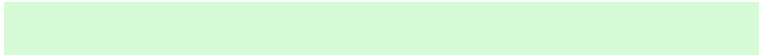
88.1455, 0.3128, 0.2935



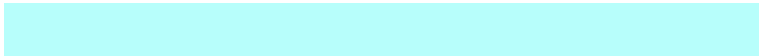
88.1455, 0.3650, 0.3526

Rectangle

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



88.1455, 0.3109, 0.3685



88.1455, 0.2736, 0.3326



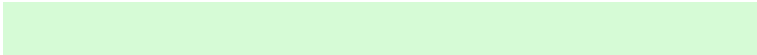
88.1455, 0.3128, 0.2935



88.1455, 0.3531, 0.3236

Sweetspot

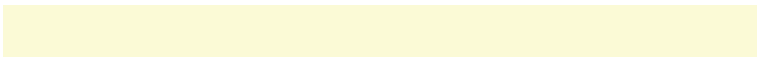
The Sweet Spot groups the original color and five complimentary colors.



88.1493, 0.3109, 0.3685



97.4798, 0.3123, 0.3390



93.9741, 0.3350, 0.3651



20.7665, 0.3122, 0.3409



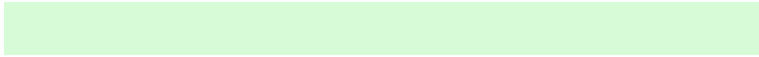
0.0000, 0.0000, 0.0000



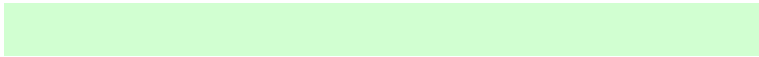
21.4041, 0.3127, 0.3290

Same Dimension

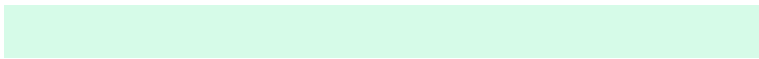
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1493, 0.3109, 0.3685



89.7091, 0.3104, 0.3783



89.1057, 0.3007, 0.3491



19.3106, 0.3116, 0.3535



36.2682, 0.3000, 0.6000



3.3595, 0.3001, 0.5999

Inverse Universe

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



75.5394, 0.3144, 0.2924



74.1160, 0.3148, 0.2842



74.4742, 0.3267, 0.3098



17.5231, 0.3138, 0.3056



14.4030, 0.3205, 0.1539



1.3344, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 88.1455, 0.3109, 0.3685 looks on a white background.

Color Contrast Check

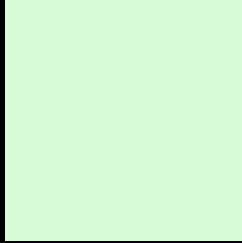
Large Text (above 18pt) WCAG AA × Fail

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 88.1455, 0.3109, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

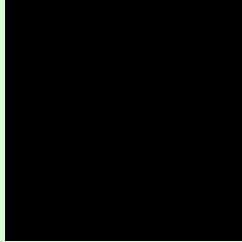
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

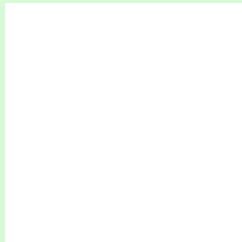
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1455, 0.3109, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 88.1455, 0.3109, 0.3685.

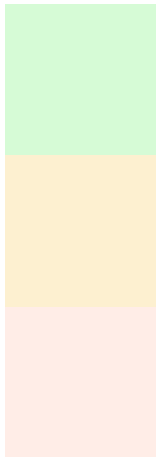


This preview shows how white text looks on a background with the Yxy color 88.1455, 0.3109, 0.3685.

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

88.1455, 0.3109, 0.3685

Protanopia

87.7569, 0.3417, 0.3611

Deuteranopia

87.5979, 0.3286, 0.3349



Tritanopia

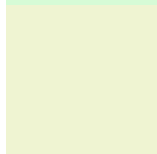
88.1442, 0.2975, 0.3169

Trichromacy



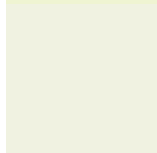
Original Color

88.1455, 0.3109, 0.3685



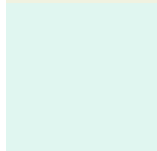
Protanomaly

87.7052, 0.3302, 0.3639



Deuteranomaly

87.4658, 0.3218, 0.3463



Tritanomaly

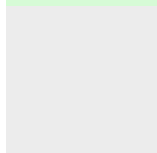
88.0501, 0.3023, 0.3351

Monochromacy



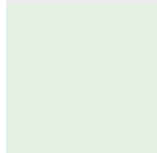
Original Color

88.1455, 0.3109, 0.3685



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.0060, 0.3121, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1455, 0.3109, 0.3685 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, 251, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 251, 214)  
}
```

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, 251, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 251, 214) }
```

Border

The CSS property to change the border of an element to Yxy 88.1455, 0.3109, 0.3685 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, 251, 214) }
```

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

```
.border{ border-color:rgb(214, 251, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 251, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 251, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 251, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 251,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1455, 0.3109, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 251, 214) }
```

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

```
.background{ background-color: rgb(214,  
251, 214) }
```

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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