

Converting Colors

$Yxy(88.1538, 0.3000, 0.3739)$

Have a look what the booklet for
Yxy(88.1538, 0.3000, 0.3739)
contains.

Yxy(88.1108, 0.2998, 0.3739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.1108, 0.2998, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFD6
RGB	196, 255, 214
RGB Percent	77%, 100%, 84%
CMY	0.2316, 0.0000, 0.1608
CMYK	0.23, 0.00, 0.16, 0.00
HSL	138°, 100%, 88%
HSV	138°, 23%, 100%
XYZ	70.6489, 88.1108, 76.8937
YIQ	232.6850, -22.0030, -25.2590

Conversions

Conversions Part 2

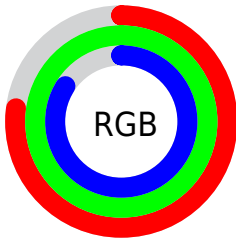
Format	Color
RYB	196, 241, 255
Decimal	12910550
CIELab	95.21, -26.42, 13.63
CIELCh	95, 29.729, 152.704
Yxy	88.1108, 0.2998, 0.3739
Android (android.graphics.Color)	4291100630 (0xFFC4FFD6)
YUV	232.6850, -9.2117, -32.1727
Hunter-Lab	93.8674, -29.9206, 17.1383

Details

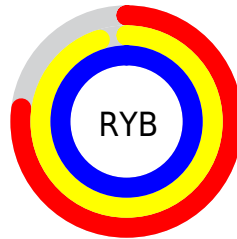
The Yxy color **88.1108, 0.2998, 0.3739** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.8230, 0.3286, 0.2880**, and the grayscale version is **81.3028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **48.5541, 0.2967, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **84.1133, 0.2946, 0.3970**, and if you desaturate by 10%, it is **92.7698, 0.3053, 0.3530**.

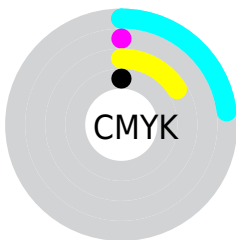
Distribution



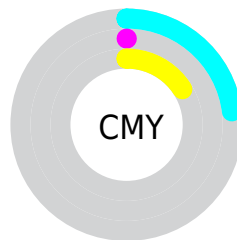
- Red (77%)
- Green (100%)
- Blue (84%)



- Red (77%)
- Yellow (95%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1108, 0.2998, 0.3739 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 88.1108, 0.2998, 0.3739 by changing the saturation by 10% instead.

 88.1108, 0.2998,
0.3739

 88.1108, 0.2998,
0.3739


521.8660, 0.3059,
0.3531

 66.4148, 0.2984,
0.3786


144.7114, 0.3019,
0.3667

 48.6092, 0.2966,
0.3845


180.3848, 0.3028,
0.3639

 34.3096, 0.2943,
0.3919


221.4862, 0.3035,
0.3615

 23.1315, 0.2913,
0.4015

268.3999, 0.3041,
0.3594

 14.6907, 0.2872,
0.4147

321.5104, 0.3046,
0.3575

 8.6026, 0.2811,
0.4335

381.2019, 0.3051,

 4.4829, 0.2713,

0.3559

0.4628

447.8590, 0.3055,
0.3545

■ 1.9472, 0.2536,
0.5141

■ 0.5765, 0.0000,
1.0000

■ 88.1108, 0.2998,
0.3739

■ 88.1108, 0.2998,
0.3739

■ 84.1133, 0.2946,
0.3970

■ 92.7698, 0.3053,
0.3530

■ 80.7717, 0.2901,
0.4220

■ 98.1474, 0.3109,
0.3344

■ 78.0417, 0.2865,
0.4485

■ 100.0000, 0.3127,
0.3290

■ 75.8846, 0.2842,
0.4757

■ 74.2572, 0.2834,
0.5023

■ 73.1097, 0.2844,
0.5271

■ 72.3823, 0.2870,
0.5488

■ 72.0692, 0.2893,
0.5615

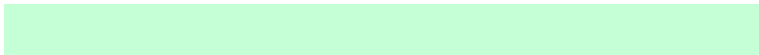
Harmonies

Analogous

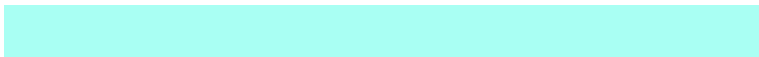
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1108, 0.3334, 0.3885



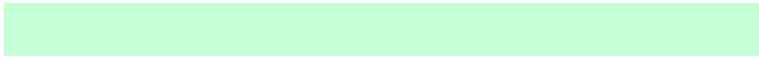
88.1108, 0.2998, 0.3739



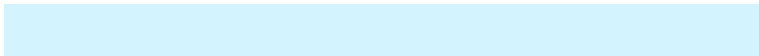
88.1108, 0.2708, 0.3451

Triad

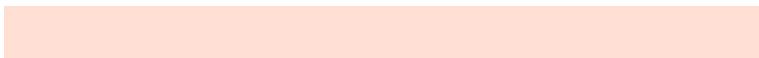
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1108, 0.2998, 0.3739



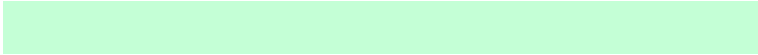
88.1108, 0.2637, 0.2750



88.1108, 0.3760, 0.3396

Complementary

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



88.1108, 0.2998, 0.3739



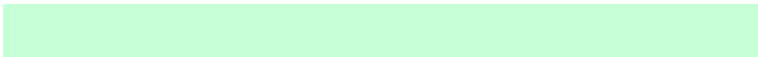
66.8230, 0.3286, 0.2880

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.



88.1108, 0.3553, 0.3122



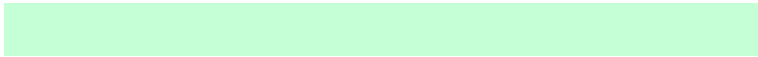
88.1108, 0.2998, 0.3739



88.1108, 0.2897, 0.2761

Square

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



88.1108, 0.2998, 0.3739



88.1108, 0.2508, 0.2877



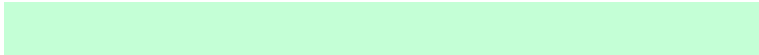
88.1108, 0.3232, 0.2895



88.1108, 0.3785, 0.3661

Rectangle

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



88.1108, 0.2998, 0.3739



88.1108, 0.2575, 0.3233



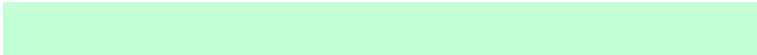
88.1108, 0.3232, 0.2895



88.1108, 0.3709, 0.3303

Sweetspot

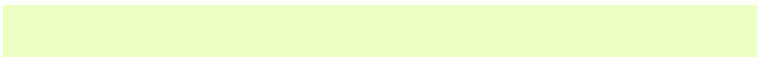
The Sweet Spot groups the original color and five complimentary colors.



88.1019, 0.2998, 0.3739



95.9976, 0.3088, 0.3413



93.5556, 0.3360, 0.3894



20.4772, 0.3084, 0.3424



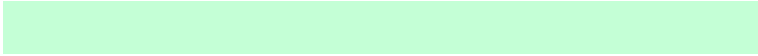
0.0000, 0.0000, 0.0000



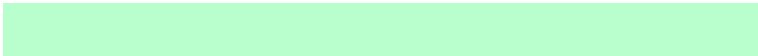
21.4041, 0.3127, 0.3290

Same Dimension

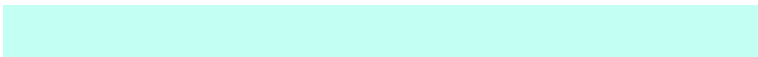
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1019, 0.2998, 0.3739



86.0893, 0.2972, 0.3848



89.7298, 0.2843, 0.3415



20.2596, 0.3074, 0.3459



37.6809, 0.2885, 0.5586



3.6874, 0.2823, 0.5363

Inverse Universe

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



66.8230, 0.3286, 0.2880



61.2683, 0.3327, 0.2791



65.2534, 0.3513, 0.3170



18.2003, 0.3185, 0.3126



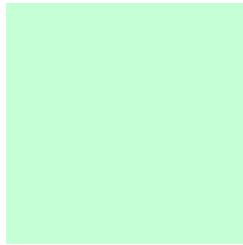
12.7966, 0.4170, 0.2071



1.2655, 0.4033, 0.1995

Previews

White Background



This preview shows how the Yxy color 88.1108, 0.2998, 0.3739 looks on a white background.

Color Contrast Check

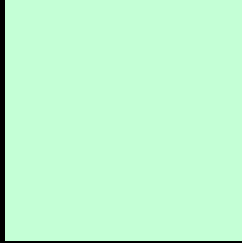
Large Text (above 18pt) WCAG AA × Fail

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 88.1108, 0.2998, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

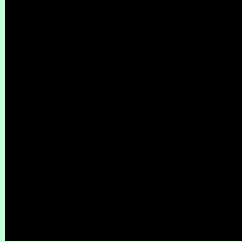
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

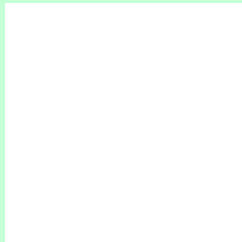
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1108, 0.2998, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 88.1108, 0.2998, 0.3739.

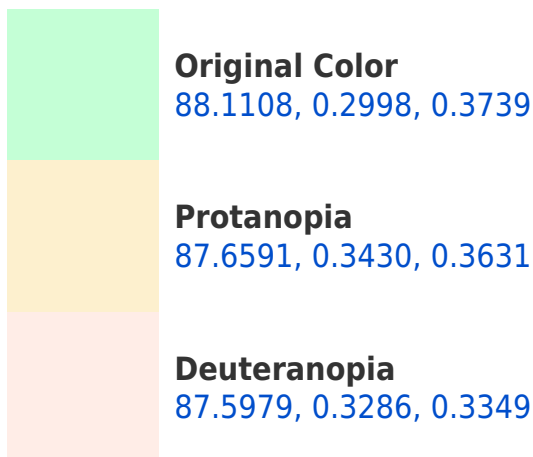


This preview shows how white text looks on a background with the Yxy color 88.1108, 0.2998, 0.3739.

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

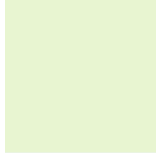
87.6093, 0.2932, 0.3178

Trichromacy



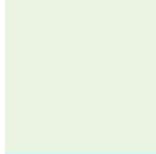
Original Color

88.1108, 0.2998, 0.3739



Protanomaly

87.0641, 0.3260, 0.3665



Deuteranomaly

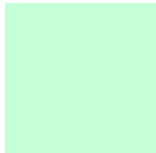
87.6300, 0.3177, 0.3485



Tritanomaly

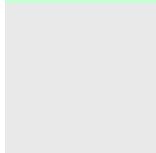
87.5722, 0.2956, 0.3373

Monochromacy



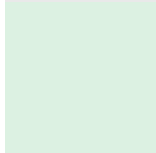
Original Color

88.1108, 0.2998, 0.3739



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6172, 0.3081, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1108, 0.2998, 0.3739 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(196, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 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(196, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 214) }
```

Border

The CSS property to change the border of an element to Yxy 88.1108, 0.2998, 0.3739 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(196, 255, 214) }
```

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

```
.border{ border-color:rgb(196, 255, 214) }
```

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

Here you see how a box with a 4 pixel rgb(196, 255, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1108, 0.2998, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 214) }
```

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

```
.background{ background-color: rgb(196,  
255, 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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