

Converting Colors

$Yxy(88.1874, 0.2997, 0.3732)$

Have a look what the booklet for
Yxy(88.1874, 0.2997, 0.3732)
contains.

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Color

Yxy(88.1621, 0.2993, 0.3727)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFD7
RGB	196, 255, 215
RGB Percent	77%, 100%, 84%
CMY	0.2312, 0.0000, 0.1568
CMYK	0.23, 0.00, 0.16, 0.00
HSL	139°, 100%, 88%
HSV	139°, 23%, 100%
XYZ	70.7993, 88.1621, 77.5883
YIQ	232.7990, -22.3240, -24.9480

Conversions

Conversions Part 2

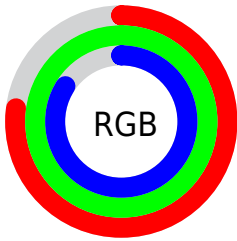
Format	Color
RYB	196, 241, 255
Decimal	12910551
CIELab	95.23, -26.19, 13.14
CIELCh	95, 29.300, 153.364
Yxy	88.1621, 0.2993, 0.3727
Android (android.graphics.Color)	4291100631 (0xFFC4FFD7)
YUV	232.7990, -8.7749, -32.2727
Hunter-Lab	93.8947, -29.7214, 16.7330

Details

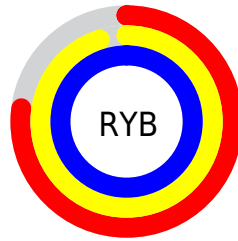
The Yxy color **88.1621, 0.2993, 0.3727** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.8124, 0.3293, 0.2890**, and the grayscale version is **81.4143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **48.5890, 0.2960, 0.3833** is the 20% darker color. If you saturate the color by 10%, you get **84.1886, 0.2939, 0.3952**, and if you desaturate by 10%, it is **92.8180, 0.3050, 0.3524**.

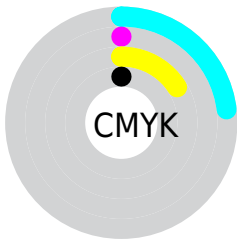
Distribution



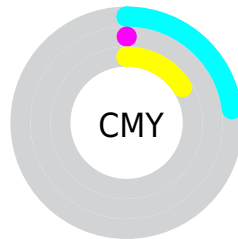
- Red (77%)
- Green (100%)
- Blue (84%)



- 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 88.1621, 0.2993, 0.3727 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 88.1621, 0.2993, 0.3727 by changing the saturation by 10% instead.

 88.1621, 0.2993,
0.3727

 88.1621, 0.2993,
0.3727


522.0339, 0.3056,
0.3525

 66.4573, 0.2978,
0.3773


144.7828, 0.3015,
0.3657

 48.6437, 0.2960,
0.3830


180.4675, 0.3024,
0.3630

 34.3370, 0.2937,
0.3902


221.5810, 0.3031,
0.3606

 23.1526, 0.2906,
0.3995

268.5077, 0.3037,
0.3586

 14.7062, 0.2864,
0.4123

321.6319, 0.3043,
0.3568

 8.6135, 0.2802,
0.4306


381.3381, 0.3048,


 4.4899, 0.2704,


0.3552


0.4589


448.0107, 0.3052,
0.3538


 1.9512, 0.2525,
0.5084


 0.5789, 0.0000,
1.0000


 88.1621, 0.2993,
0.3727


 88.1621, 0.2993,
0.3727

 84.1886, 0.2939,
0.3952


 92.8180, 0.3050,
0.3524

 80.8543, 0.2892,
0.4197

 98.1754, 0.3109,
0.3342

 78.1277, 0.2855,
0.4455

 99.9978, 0.3127,
0.3290

 75.9706, 0.2831,
0.4721

■ 74.3399, 0.2823,
0.4982

■ 73.1862, 0.2832,
0.5228

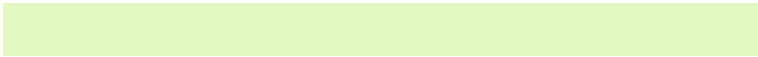
■ 72.4501, 0.2858,
0.5446

■ 72.1286, 0.2882,
0.5575

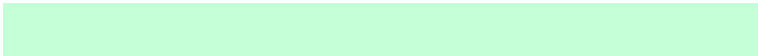
Harmonies

Analogous

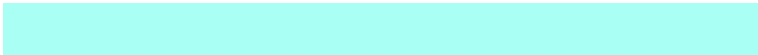
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1621, 0.3324, 0.3875



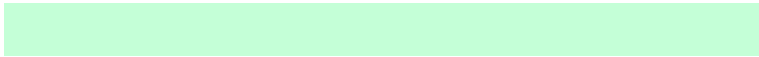
88.1621, 0.2993, 0.3727



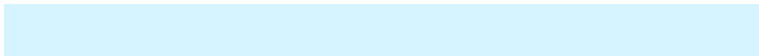
88.1621, 0.2709, 0.3442

Triad

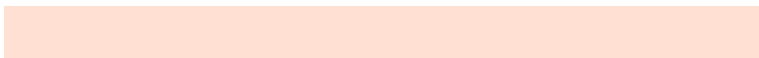
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1621, 0.2993, 0.3727



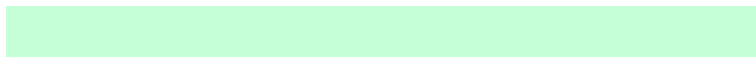
88.1621, 0.2648, 0.2757



88.1621, 0.3753, 0.3401

Complementary

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



88.1621, 0.2993, 0.3727



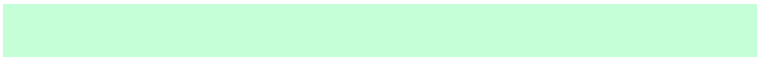
66.8124, 0.3293, 0.2890

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.



88.1621, 0.3553, 0.3130



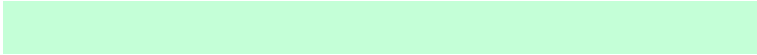
88.1621, 0.2993, 0.3727



88.1621, 0.2907, 0.2770

Square

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



88.1621, 0.2993, 0.3727



88.1621, 0.2518, 0.2879



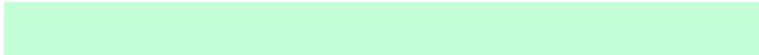
88.1621, 0.3238, 0.2904



88.1621, 0.3773, 0.3661

Rectangle

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



88.1621, 0.2993, 0.3727



88.1621, 0.2580, 0.3228



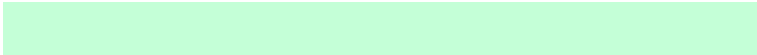
88.1621, 0.3238, 0.2904



88.1621, 0.3704, 0.3309

Sweetspot

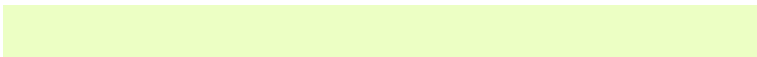
The Sweet Spot groups the original color and five complimentary colors.



88.1658, 0.2993, 0.3727



96.0152, 0.3086, 0.3410



93.3936, 0.3353, 0.3894



20.4812, 0.3083, 0.3421



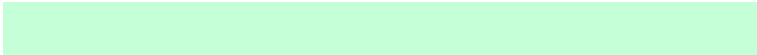
0.0000, 0.0000, 0.0000



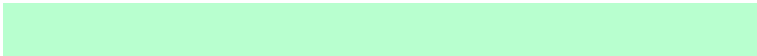
21.4041, 0.3127, 0.3290

Same Dimension

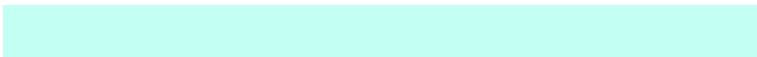
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1658, 0.2993, 0.3727



86.1460, 0.2966, 0.3834



89.8014, 0.2839, 0.3404



20.2646, 0.3071, 0.3455



37.7140, 0.2874, 0.5546



3.6911, 0.2811, 0.5320

Inverse Universe

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



66.8124, 0.3293, 0.2890



61.2018, 0.3336, 0.2802



65.2530, 0.3520, 0.3180



18.1950, 0.3188, 0.3130



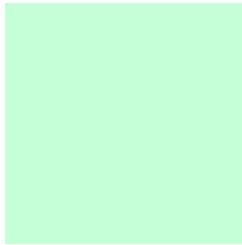
12.7116, 0.4233, 0.2105



1.2577, 0.4086, 0.2025

Previews

White Background



This preview shows how the Yxy color 88.1621, 0.2993, 0.3727 looks on a white background.

Color Contrast Check

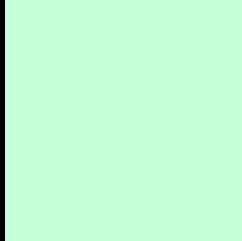
Large Text (above 18pt) WCAG AA × Fail

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 88.1621, 0.2993, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

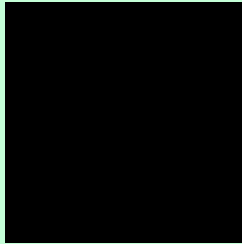
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1621, 0.2993, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 88.1621, 0.2993, 0.3727.

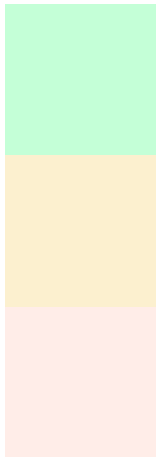


This preview shows how white text looks on a background with the Yxy color 88.1621, 0.2993, 0.3727.

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

88.1621, 0.2993, 0.3727

Protanopia

87.5206, 0.3417, 0.3622

Deuteranopia

87.6546, 0.3280, 0.3340



Tritanopia

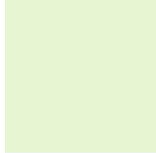
87.6093, 0.2932, 0.3178

Trichromacy



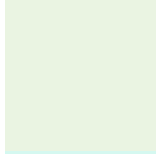
Original Color

88.1621, 0.2993, 0.3727



Protanomaly

87.1138, 0.3254, 0.3654



Deuteranomaly

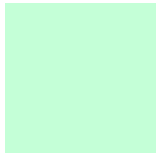
87.6848, 0.3171, 0.3475



Tritanomaly

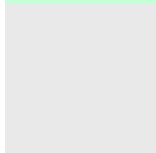
87.5722, 0.2956, 0.3373

Monochromacy



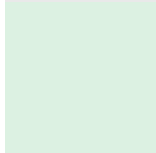
Original Color

88.1621, 0.2993, 0.3727



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 88.1621, 0.2993, 0.3727 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 215) }
```

Border

The CSS property to change the border of an element to Yxy 88.1621, 0.2993, 0.3727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

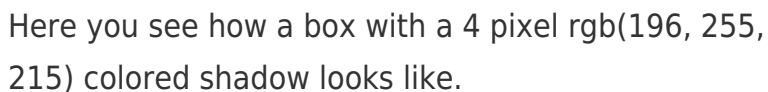
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 255, 215) }
```

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

```
.border{ border-color:rgb(196, 255, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 255, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 255, 215); box-shadow:4px 4px 4px 4px rgb(196, 255, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1621, 0.2993, 0.3727 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, 215) }
```

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

```
.background{ background-color: rgb(196,  
255, 215) }
```

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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