

Converting Colors

$Yxy(95.1176, 0.3024, 0.3852)$

Have a look what the booklet for
Yxy(95.1176, 0.3024, 0.3852)
contains.

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Color

Yxy(88.4662, 0.3021, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	C7FFD5
RGB	199, 255, 213
RGB Percent	78%, 100%, 84%
CMY	0.2199, 0.0000, 0.1647
CMYK	0.22, 0.00, 0.16, 0.00
HSL	135°, 100%, 89%
HSV	135°, 22%, 100%
XYZ	71.3064, 88.4662, 76.2632
YIQ	233.4680, -19.8940, -24.9340

Conversions

Conversions Part 2

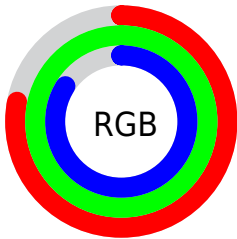
Format	Color
R_{YB}	199, 244, 255
Decimal	13107157
CIE _{Lab}	95.36, -25.66, 14.38
CIE _{LCh}	95, 29.415, 150.737
Yxy	88.4662, 0.3021, 0.3748
Android (android.graphics.Color)	4291297237 (0xFFC7FFD5)
YUV	233.4680, -10.0907, -30.2284
Hunter-Lab	94.0565, -29.2738, 17.7658

Details

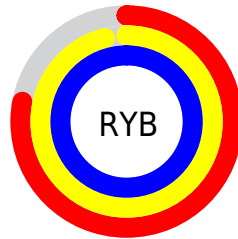
The Yxy color **88.4662, 0.3021, 0.3748** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.4160, 0.3254, 0.2872**, and the grayscale version is **81.9248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7861, 0.2995, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **84.3424, 0.2975, 0.3995**, and if you desaturate by 10%, it is **93.2659, 0.3069, 0.3525**.

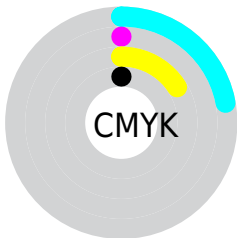
Distribution



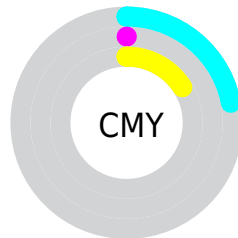
- Red (78%)
- Green (100%)
- Blue (84%)



- Red (78%)
- Yellow (96%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4662, 0.3021, 0.3748 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 88.4662, 0.3021, 0.3748 by changing the saturation by 10% instead.


 88.4662, 0.3021,
0.3748

 88.4662, 0.3021,
0.3748


523.0287, 0.3072,
0.3536

 66.7092, 0.3009,
0.3796

145.2060, 0.3039,
0.3675

 48.8484, 0.2994,
0.3856

180.9577, 0.3046,
0.3646

 34.4992, 0.2975,
0.3931


222.1430, 0.3052,
0.3622

 23.2774, 0.2949,
0.4029

269.1464, 0.3057,
0.3600

 14.7984, 0.2913,
0.4163

322.3523, 0.3061,
0.3581

 8.6781, 0.2860,
0.4354

382.1451, 0.3065,

 4.5318, 0.2773,

0.3565

0.4651

448.9091, 0.3069,
0.3550

1.9753, 0.2614,
0.5172

0.5930, 0.0000,
1.0000

88.4662, 0.3021,
0.3748

88.4662, 0.3021,
0.3748

84.3424, 0.2975,
0.3995

93.2659, 0.3069,
0.3525

80.8954, 0.2935,
0.4264

98.8064, 0.3118,
0.3327

78.0782, 0.2902,
0.4548

100.0000, 0.3127,
0.3290

75.8515, 0.2881,
0.4838

■ 74.1715, 0.2873,
0.5119

■ 72.9883, 0.2880,
0.5376

■ 72.2420, 0.2902,
0.5594

■ 71.8902, 0.2926,
0.5734

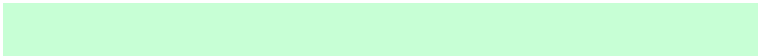
Harmonies

Analogous

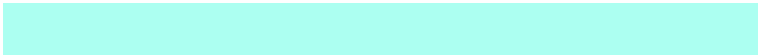
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4662, 0.3353, 0.3881



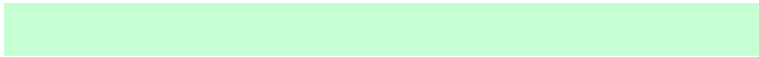
88.4662, 0.3021, 0.3748



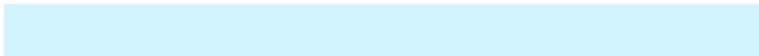
88.4662, 0.2729, 0.3470

Triad

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



88.4662, 0.3021, 0.3748



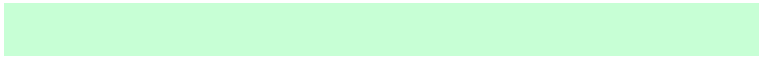
88.4662, 0.2630, 0.2760



88.4662, 0.3744, 0.3377

Complementary

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



88.4662, 0.3021, 0.3748



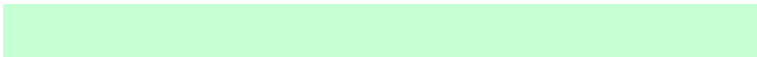
68.4160, 0.3254, 0.2872

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.



88.4662, 0.3530, 0.3107



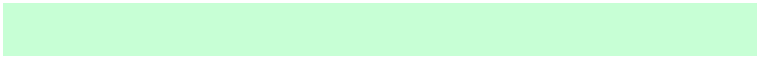
88.4662, 0.3021, 0.3748



88.4662, 0.2880, 0.2762

Square

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



88.4662, 0.3021, 0.3748



88.4662, 0.2512, 0.2895



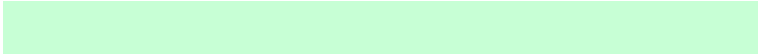
88.4662, 0.3208, 0.2887



88.4662, 0.3781, 0.3641

Rectangle

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



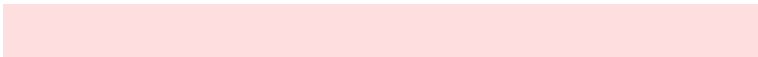
88.4662, 0.3021, 0.3748



88.4662, 0.2592, 0.3255



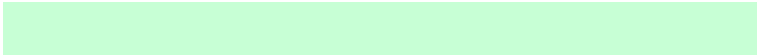
88.4662, 0.3208, 0.2887



88.4662, 0.3690, 0.3285

Sweetspot

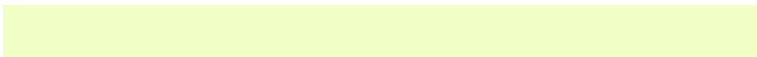
The Sweet Spot groups the original color and five complimentary colors.



88.4549, 0.3021, 0.3748



95.9390, 0.3093, 0.3423



94.3370, 0.3367, 0.3858



20.4636, 0.3090, 0.3435



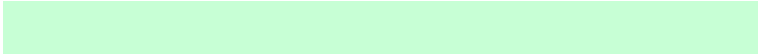
0.0000, 0.0000, 0.0000



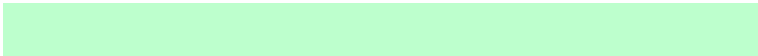
21.4041, 0.3127, 0.3290

Same Dimension

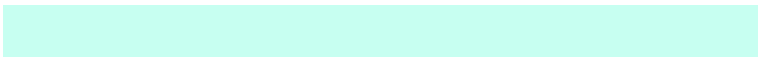
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4549, 0.3021, 0.3748



86.7247, 0.3002, 0.3844



90.0007, 0.2871, 0.3438



20.2430, 0.3081, 0.3473



37.5841, 0.2919, 0.5708



3.6761, 0.2860, 0.5497

Inverse Universe

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



68.4160, 0.3254, 0.2872



63.7205, 0.3282, 0.2794



66.8707, 0.3467, 0.3148



18.2179, 0.3177, 0.3114



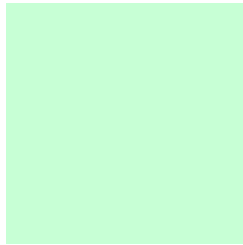
13.0996, 0.3968, 0.1960



1.2930, 0.3863, 0.1901

Previews

White Background



This preview shows how the Yxy color 88.4662, 0.3021, 0.3748 looks on a white background.

Color Contrast Check

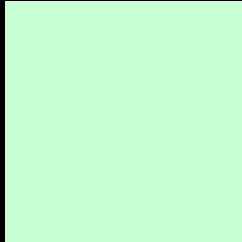
Large Text (above 18pt) WCAG AA × Fail

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 88.4662, 0.3021, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

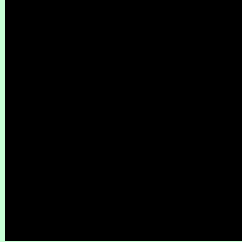
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

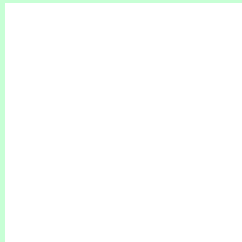
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4662, 0.3021, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 88.4662, 0.3021, 0.3748.

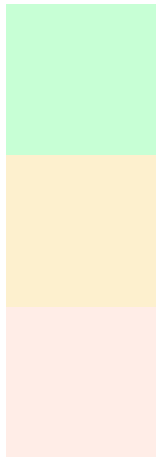


This preview shows how white text looks on a background with the Yxy color 88.4662, 0.3021, 0.3748.

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

88.4662, 0.3021, 0.3748

Protanopia

87.6591, 0.3430, 0.3631

Deuteranopia

87.5979, 0.3286, 0.3349



Tritanopia

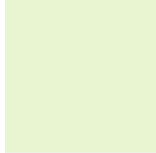
87.9289, 0.2944, 0.3178

Trichromacy



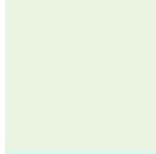
Original Color

88.4662, 0.3021, 0.3748



Protanomaly

87.2319, 0.3267, 0.3664



Deuteranomaly

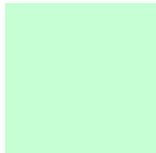
87.7454, 0.3189, 0.3495



Tritanomaly

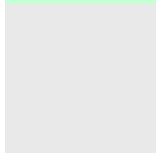
88.0250, 0.2974, 0.3373

Monochromacy



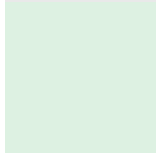
Original Color

88.4662, 0.3021, 0.3748



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.7737, 0.3087, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4662, 0.3021, 0.3748 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(199, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 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(199, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 213) }
```

Border

The CSS property to change the border of an element to Yxy 88.4662, 0.3021, 0.3748 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(199, 255, 213) }
```

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

```
.border{ border-color:rgb(199, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4662, 0.3021, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 213) }
```

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

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