

Converting Colors

$Yxy(88.6091, 0.3090, 0.3789)$

Have a look what the booklet for
Yxy(88.6091, 0.3090, 0.3789)
contains.

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Color

Yxy(88.5595, 0.3092, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	CEFED0
RGB	206, 254, 208
RGB Percent	81%, 100%, 82%
CMY	0.1920, 0.0039, 0.1844
CMYK	0.19, 0.00, 0.18, 0.00
HSL	122°, 96%, 90%
HSV	122°, 19%, 100%
XYZ	72.2877, 88.5595, 72.9424
YIQ	234.4040, -13.8420, -24.4820

Conversions

Conversions Part 2

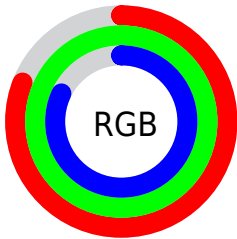
Format	Color
R _Y B	206, 252, 254
Decimal	13565648
CIE Lab	95.40, -23.76, 17.06
CIE LCh	95, 29.248, 144.312
Yxy	88.5595, 0.3092, 0.3788
Android (android.graphics.Color)	4291755728 (0xFFCEFED0)
YUV	234.4040, -13.0172, -24.9103
Hunter-Lab	94.1061, -27.5705, 19.9181

Details

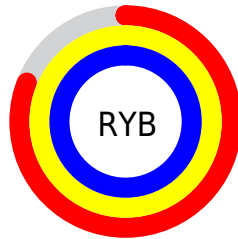
The Yxy color **88.5595, 0.3092, 0.3788** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.2685, 0.3162, 0.2838**, and the grayscale version is **82.7172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8449, 0.3076, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **84.1069, 0.3072, 0.4099**, and if you desaturate by 10%, it is **93.7915, 0.3111, 0.3509**.

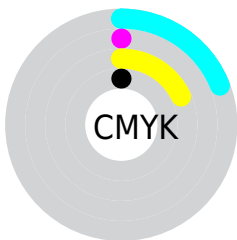
Distribution



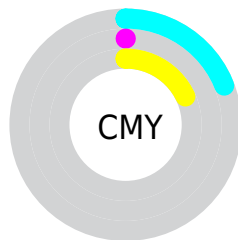
- Red (81%)
- Green (100%)
- Blue (82%)



- Red (81%)
- Yellow (99%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5595, 0.3092, 0.3788 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 88.5595, 0.3092, 0.3788 by changing the saturation by 10% instead.


 88.5595, 0.3092,
0.3788

 88.5595, 0.3092,
0.3788

523.3337, 0.3112,
0.3558

 66.7865, 0.3087,
0.3840


145.3358, 0.3099,
0.3708

 48.9112, 0.3080,
0.3905


181.1080, 0.3102,
0.3677

 34.5490, 0.3071,
0.3987


222.3154, 0.3104,
0.3650

 23.3157, 0.3058,
0.4094

269.3423, 0.3106,
0.3627

 14.8268, 0.3038,
0.4238

322.5732, 0.3108,
0.3607

 8.6979, 0.3007,
0.4445

382.3925, 0.3109,

 4.5447, 0.2950,

0.3589

0.4764

449.1845, 0.3111,
0.3572

■ 1.9827, 0.2853,
0.5356

■ 0.5974, 0.0000,
1.0000

■ 88.5595, 0.3092,
0.3788

■ 88.5595, 0.3092,
0.3788

■ 84.1069, 0.3072,
0.4099

■ 93.7915, 0.3111,
0.3509

■ 80.3857, 0.3051,
0.4437

99.3616, 0.3128,
0.3280

■ 77.3604, 0.3032,
0.4788

■ 74.9876, 0.3015,
0.5134

■ 73.2193, 0.3002,
0.5448

■ 72.0009, 0.2995,
0.5704

■ 71.2677, 0.2993,
0.5882

■ 70.9290, 0.2996,
0.5977

■ 70.9040, 0.2995,
0.5983

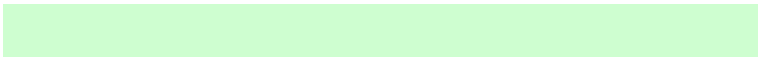
Harmonies

Analogous

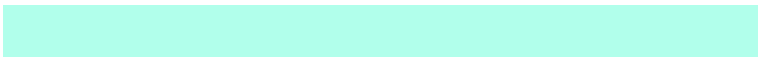
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5595, 0.3419, 0.3882



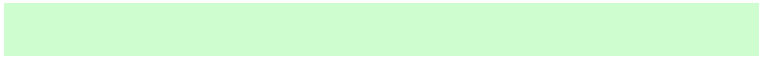
88.5595, 0.3092, 0.3788



88.5595, 0.2786, 0.3536

Triad

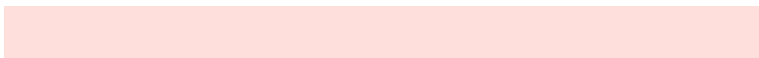
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5595, 0.3092, 0.3788



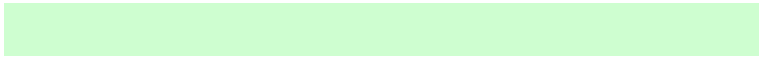
88.5595, 0.2596, 0.2781



88.5595, 0.3708, 0.3318

Complementary

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



88.5595, 0.3092, 0.3788



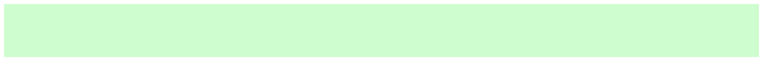
72.2685, 0.3162, 0.2838

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.



88.5595, 0.3465, 0.3055



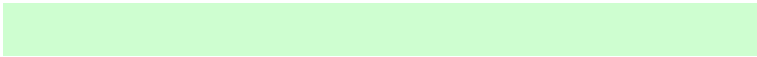
88.5595, 0.3092, 0.3788



88.5595, 0.2819, 0.2753

Square

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



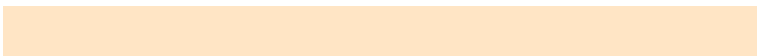
88.5595, 0.3092, 0.3788



88.5595, 0.2510, 0.2943



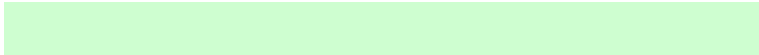
88.5595, 0.3135, 0.2854



88.5595, 0.3785, 0.3587

Rectangle

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



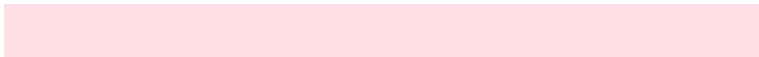
88.5595, 0.3092, 0.3788



88.5595, 0.2632, 0.3324



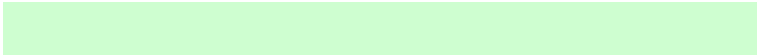
88.5595, 0.3135, 0.2854



88.5595, 0.3642, 0.3226

Sweetspot

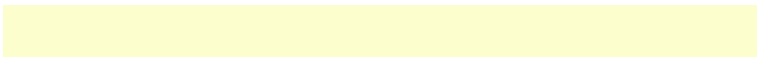
The Sweet Spot groups the original color and five complimentary colors.



88.5633, 0.3092, 0.3788



96.3029, 0.3117, 0.3435



96.1101, 0.3402, 0.3763



20.5305, 0.3115, 0.3452



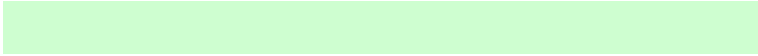
0.0000, 0.0000, 0.0000



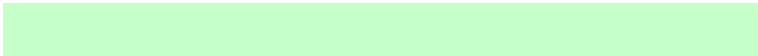
21.4041, 0.3127, 0.3290

Same Dimension

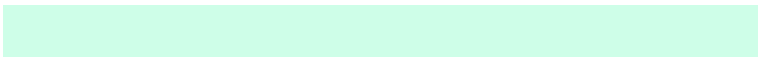
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5633, 0.3092, 0.3788



87.4128, 0.3084, 0.3913



89.8150, 0.2962, 0.3527



20.1800, 0.3110, 0.3526



37.3876, 0.2993, 0.5976



3.6443, 0.2977, 0.5918

Inverse Universe

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



72.2685, 0.3162, 0.2838



67.9669, 0.3171, 0.2737



70.8610, 0.3331, 0.3065



18.2870, 0.3144, 0.3065



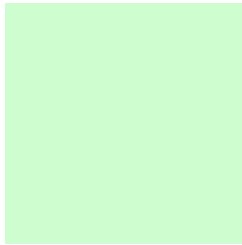
14.5508, 0.3313, 0.1599



1.4205, 0.3300, 0.1591

Previews

White Background



This preview shows how the Yxy color 88.5595, 0.3092, 0.3788 looks on a white background.

Color Contrast Check

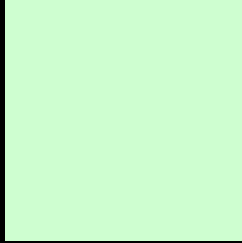
Large Text (above 18pt) WCAG AA × Fail

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 88.5595, 0.3092, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

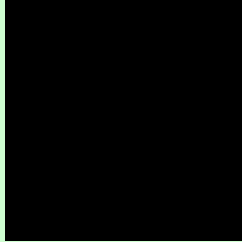
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

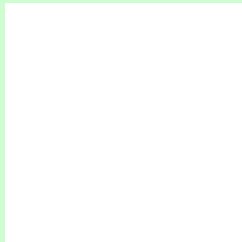
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5595, 0.3092, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 88.5595, 0.3092, 0.3788.

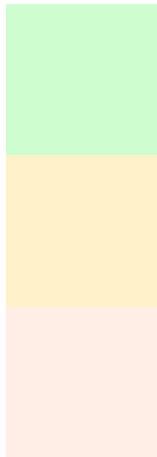


This preview shows how white text looks on a background with the Yxy color 88.5595, 0.3092, 0.3788.

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

88.5595, 0.3092, 0.3788

Protanopia

88.1985, 0.3468, 0.3691

Deuteranopia

88.1222, 0.3292, 0.3369



Tritanopia

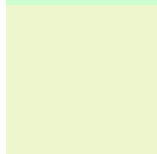
88.4153, 0.2962, 0.3179

Trichromacy



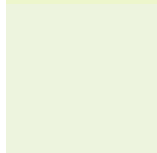
Original Color

88.5595, 0.3092, 0.3788



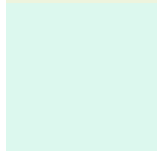
Protanomaly

88.2757, 0.3323, 0.3724



Deuteranomaly

87.9798, 0.3215, 0.3515



Tritanomaly

88.5235, 0.3010, 0.3393

Monochromacy



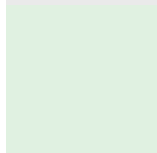
Original Color

88.5595, 0.3092, 0.3788



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.1941, 0.3113, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5595, 0.3092, 0.3788 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(206, 254, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 254, 208)  
}
```

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(206, 254, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 254, 208) }
```

Border

The CSS property to change the border of an element to Yxy 88.5595, 0.3092, 0.3788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

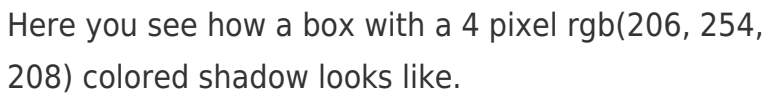
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 254, 208) }
```

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

```
.border{ border-color:rgb(206, 254, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 254, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 254, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 254, 208); box-shadow:4px 4px 4px 4px rgb(206, 254, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5595, 0.3092, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 254, 208) }
```

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

```
.background{ background-color: rgb(206,  
254, 208) }
```

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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