

Converting Colors

Yxy(104.0878, 0.3184, 0.4223)

Have a look what the booklet for
Yxy(104.0878, 0.3184, 0.4223)
contains.

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Color

Yxy(88.4595, 0.3203, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFBD
RGB	207, 255, 189
RGB Percent	81%, 100%, 74%
CMY	0.1883, 0.0000, 0.2586
CMYK	0.19, 0.00, 0.26, 0.00
HSL	104°, 100%, 87%
HSV	104°, 26%, 100%
XYZ	70.6749, 88.4595, 61.5179
YIQ	233.1240, -7.4220, -30.7020

Conversions

Conversions Part 2

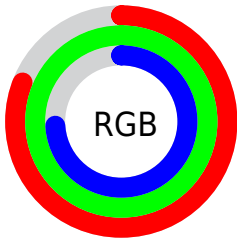
Format	Color
RYB	189, 255, 237
Decimal	13631421
CIELab	95.35, -26.99, 26.65
CIELCh	95, 37.933, 135.368
Yxy	88.4595, 0.3203, 0.4009
Android (android.graphics.Color)	4291821501 (0xFFCFFFBBD)
YUV	233.1240, -21.7531, -22.9107
Hunter-Lab	94.0529, -30.4609, 27.0568

Details

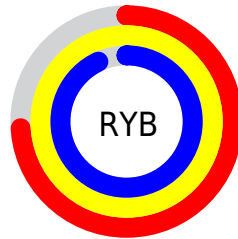
The Yxy color **88.4595, 0.3203, 0.4009** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.6518, 0.3022, 0.2617**, and the grayscale version is **81.7511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **48.8128, 0.3215, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **84.9264, 0.3225, 0.4330**, and if you desaturate by 10%, it is **92.4975, 0.3176, 0.3710**.

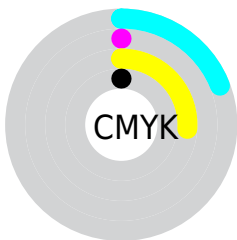
Distribution



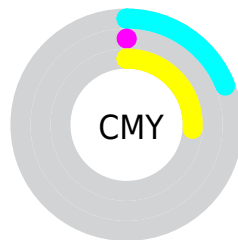
- Red (81%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (93%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4595, 0.3203, 0.4009 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 88.4595, 0.3203, 0.4009 by changing the saturation by 10% instead.


 88.4595, 0.3203,
0.4009

 88.4595, 0.3203,
0.4009

523.0068, 0.3177,
0.3675

 66.7037, 0.3207,
0.4085

 145.1967, 0.3196,
0.3893

 48.8439, 0.3210,
0.4180


180.9469, 0.3192,
0.3848

 34.4956, 0.3213,
0.4299


222.1306, 0.3189,
0.3809

 23.2746, 0.3214,
0.4454

269.1324, 0.3186,
0.3775

 14.7964, 0.3210,
0.4664

322.3364, 0.3184,
0.3745

 8.6766, 0.3193,
0.4962

382.1273, 0.3181,

 4.5309, 0.3142,

0.3719

0.5411

448.8893, 0.3179,
0.3696

1.9747, 0.3276,
0.6724

0.5927, 0.0000,
1.0000

88.4595, 0.3203,
0.4009

88.4595, 0.3203,
0.4009

84.9264, 0.3225,
0.4330

92.4975, 0.3176,
0.3710

81.8837, 0.3239,
0.4662

97.0667, 0.3146,
0.3437

79.3065, 0.3242,
0.4991

100.0000, 0.3127,
0.3290

77.1705, 0.3233,
0.5296

■ 75.4486, 0.3209,
0.5557

■ 74.1104, 0.3172,
0.5754

■ 73.1203, 0.3126,
0.5879

■ 72.7965, 0.3107,
0.5915

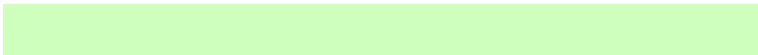
Harmonies

Analogous

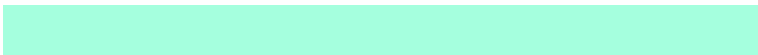
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4595, 0.3612, 0.4049



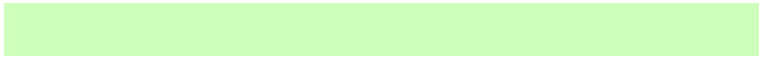
88.4595, 0.3203, 0.4009



88.4595, 0.2791, 0.3728

Triad

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



88.4595, 0.3203, 0.4009



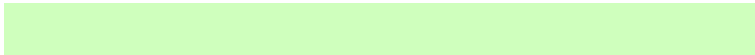
88.4595, 0.2395, 0.2677



88.4595, 0.3808, 0.3214

Complementary

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



88.4595, 0.3203, 0.4009



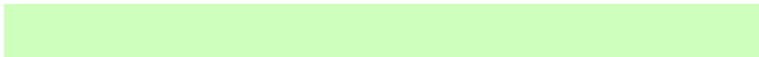
61.6518, 0.3022, 0.2617

Split Complementary

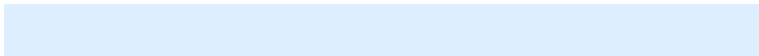
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4595, 0.3441, 0.2902



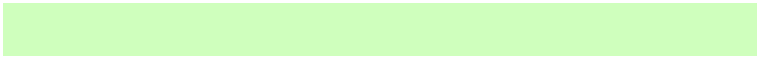
88.4595, 0.3203, 0.4009



88.4595, 0.2628, 0.2598

Square

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



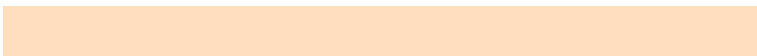
88.4595, 0.3203, 0.4009



88.4595, 0.2344, 0.2927



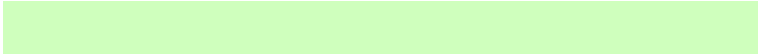
88.4595, 0.3004, 0.2682



88.4595, 0.3979, 0.3560

Rectangle

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



88.4595, 0.3203, 0.4009



88.4595, 0.2569, 0.3456



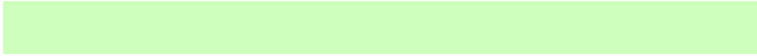
88.4595, 0.3004, 0.2682



88.4595, 0.3702, 0.3103

Sweetspot

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



88.4573, 0.3203, 0.4009



96.0456, 0.3152, 0.3493



85.1072, 0.3563, 0.3766



20.4069, 0.3157, 0.3533



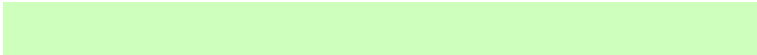
0.0000, 0.0000, 0.0000



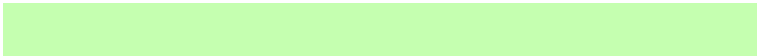
21.4041, 0.3127, 0.3290

Same Dimension

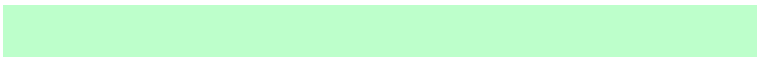
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4573, 0.3203, 0.4009



86.5818, 0.3215, 0.4171



86.6724, 0.3015, 0.3867



20.4069, 0.3157, 0.3533



38.1003, 0.3117, 0.5907



3.7609, 0.3196, 0.5845

Inverse Universe

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



61.6518, 0.3022, 0.2617



55.6615, 0.2995, 0.2476



64.0081, 0.3264, 0.2775



18.0376, 0.3094, 0.3053



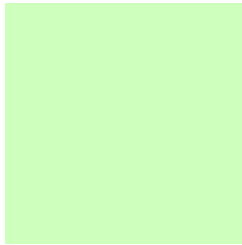
9.2848, 0.2529, 0.1167



0.9580, 0.2609, 0.1211

Previews

White Background



This preview shows how the Yxy color 88.4595, 0.3203, 0.4009 looks on a white background.

Color Contrast Check

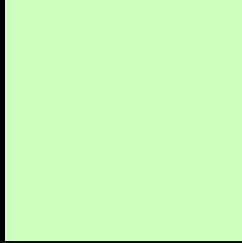
Large Text (above 18pt) WCAG AA × Fail

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 88.4595, 0.3203, 0.4009 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

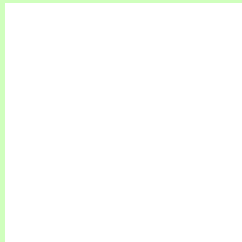
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4595, 0.3203, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 88.4595, 0.3203, 0.4009.

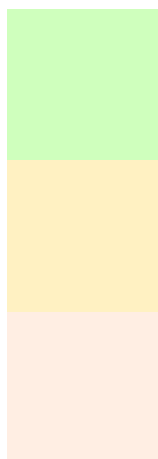


This preview shows how white text looks on a background with the Yxy color 88.4595, 0.3203, 0.4009.

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

88.4595, 0.3203, 0.4009

Protanopia

88.0656, 0.3520, 0.3760

Deuteranopia

87.9551, 0.3311, 0.3399



Tritanopia

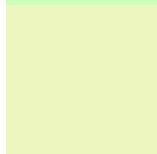
87.9792, 0.2968, 0.3169

Trichromacy



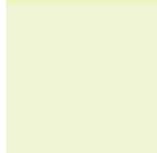
Original Color

88.4595, 0.3203, 0.4009



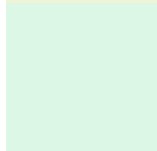
Protanomaly

87.8944, 0.3404, 0.3849



Deuteranomaly

87.6826, 0.3277, 0.3609



Tritanomaly

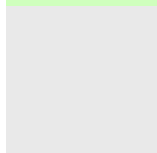
87.6632, 0.3056, 0.3457

Monochromacy



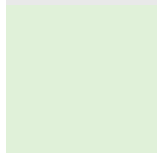
Original Color

88.4595, 0.3203, 0.4009



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.7676, 0.3161, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4595, 0.3203, 0.4009 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(207, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 189)  
}
```

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(207, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 189) }
```

Border

The CSS property to change the border of an element to Yxy 88.4595, 0.3203, 0.4009 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(207, 255, 189) }
```

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

```
.border{ border-color:rgb(207, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4595, 0.3203, 0.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 189) }
```

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

```
.background{ background-color: rgb(207,  
255, 189) }
```

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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