

Converting Colors

$Yxy(94.9768, 0.3426, 0.3801)$

Have a look what the booklet for
Yxy(94.9768, 0.3426, 0.3801)
contains.

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Color

Yxy(94.9768, 0.3425, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	FBFDC9
RGB	251, 253, 201
RGB Percent	98%, 99%, 79%
CMY	0.0155, 0.0079, 0.2117
CMYK	0.01, 0.00, 0.21, 0.01
HSL	62°, 93%, 89%
HSV	62°, 21%, 99%
XYZ	85.4691, 94.9768, 69.0990
YIQ	246.4740, 15.5000, -16.5960

Conversions

Conversions Part 2

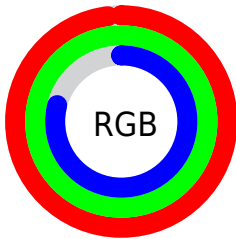
Format	Color
R _Y B	201, 253, 203
Decimal	16514505
CIE Lab	98.02, -8.88, 24.72
CIE LCh	98, 26.269, 109.750
Yxy	94.9768, 0.3425, 0.3806
Android (android.graphics.Color)	4294704585 (0xFFFFBDC9)
YUV	246.4740, -22.4187, 3.9693
Hunter-Lab	97.4560, -14.0032, 26.1810

Details

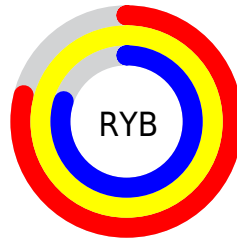
The Yxy color **94.9768, 0.3425, 0.3806** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.5649, 0.2795, 0.2721**, and the grayscale version is **92.7487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0558, 0.3483, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **93.7126, 0.3570, 0.4061**, and if you desaturate by 10%, it is **96.4464, 0.3278, 0.3551**.

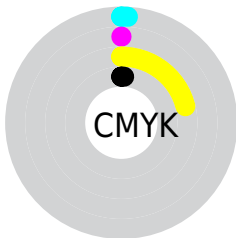
Distribution



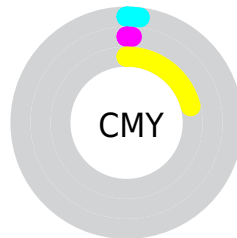
- Red (98%)
- Green (99%)
- Blue (79%)



- Red (79%)
- Yellow (99%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9768, 0.3425, 0.3806 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 94.9768, 0.3425, 0.3806 by changing the saturation by 10% instead.

 94.9768, 0.3425,
0.3806

 94.9768, 0.3425,
0.3806


544.0907, 0.3296,
0.3575

 72.1157, 0.3452,
0.3857

154.2326, 0.3382,
0.3728

 53.2532, 0.3485,
0.3918


191.3960, 0.3365,
0.3697

 38.0049, 0.3524,
0.3995


234.0956, 0.3350,
0.3670

 25.9865, 0.3573,
0.4092

282.7158, 0.3337,
0.3646

 16.8135, 0.3635,
0.4218

337.6410, 0.3325,
0.3625

 10.1016, 0.3714,
0.4391


399.2557, 0.3314,


 5.4664, 0.3816,

0.3607


0.4636


467.9441, 0.3305,
0.3590


 2.5234, 0.4013,
0.5091


 0.8883, 0.4140,
0.5860


 94.9768, 0.3425,
0.3806

 94.9768, 0.3425,
0.3806


 93.7126, 0.3570,
0.4061


 96.4464, 0.3278,
0.3551

 92.6315, 0.3709,
0.4306

 98.1177, 0.3135,
0.3303

 91.7274, 0.3835,
0.4532

 98.5101, 0.3121,
0.3271

 90.9888, 0.3943,
0.4728

 98.6875, 0.3127,
0.3271

■ 90.4031, 0.4027, 98.7227, 0.3128,
0.4886 0.3271

■ 89.9555, 0.4086,
0.5001

■ 89.6286, 0.4117,
0.5072

■ 89.4041, 0.4128,
0.5105

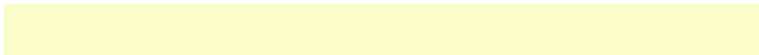
Harmonies

Analogous

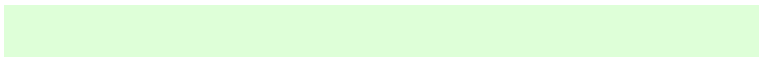
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9768, 0.3634, 0.3716



94.9768, 0.3425, 0.3806



94.9768, 0.3143, 0.3746

Triad

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



94.9768, 0.3425, 0.3806



94.9768, 0.2582, 0.3019



94.9768, 0.3383, 0.3052

Complementary

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



94.9768, 0.3425, 0.3806



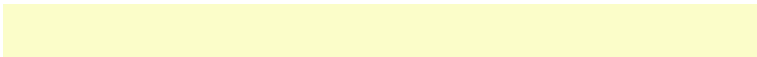
61.5649, 0.2795, 0.2721

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.



94.9768, 0.3090, 0.2884



94.9768, 0.3425, 0.3806



94.9768, 0.2638, 0.2856

Square

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



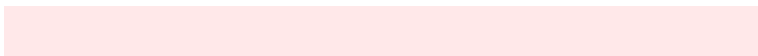
94.9768, 0.3425, 0.3806



94.9768, 0.2663, 0.3271



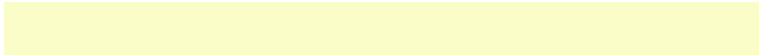
94.9768, 0.2820, 0.2812



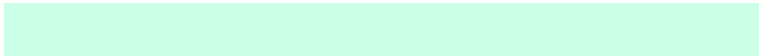
94.9768, 0.3612, 0.3280

Rectangle

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



94.9768, 0.3425, 0.3806



94.9768, 0.2952, 0.3624



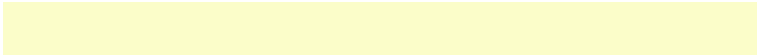
94.9768, 0.2820, 0.2812



94.9768, 0.3288, 0.2987

Sweetspot

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



94.9810, 0.3425, 0.3806



98.9459, 0.3213, 0.3437



67.6949, 0.3537, 0.3309



21.1549, 0.3222, 0.3454



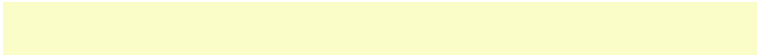
0.0000, 0.0000, 0.0000



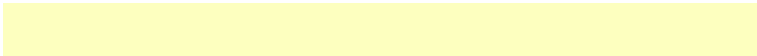
21.4041, 0.3127, 0.3290

Same Dimension

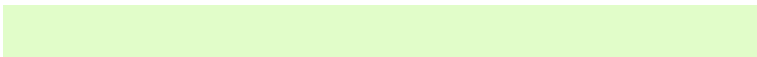
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9810, 0.3425, 0.3806



96.1066, 0.3490, 0.3920



90.5123, 0.3254, 0.3835



21.0544, 0.3263, 0.3525



47.5799, 0.4129, 0.5104



4.6430, 0.4136, 0.5098

Inverse Universe

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



61.5649, 0.2795, 0.2721



56.0093, 0.2711, 0.2579



65.4900, 0.2975, 0.2750



17.4099, 0.2984, 0.3044



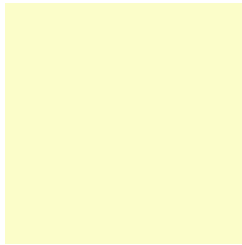
3.8184, 0.1511, 0.0606



0.3826, 0.1537, 0.0620

Previews

White Background



This preview shows how the Yxy color 94.9768, 0.3425, 0.3806 looks on a white background.

Color Contrast Check

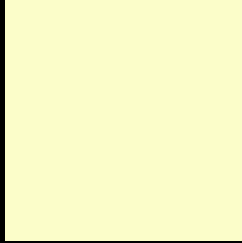
Large Text (above 18pt) WCAG AA × Fail

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 94.9768, 0.3425, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

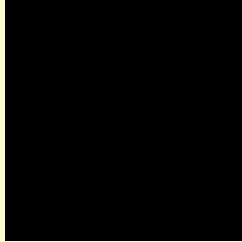
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9768, 0.3425, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 94.9768, 0.3425, 0.3806.

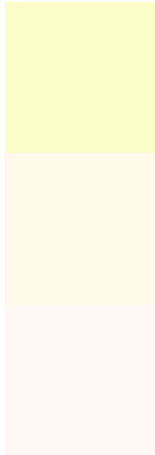


This preview shows how white text looks on a background with the Yxy color 94.9768, 0.3425, 0.3806.

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

94.9768, 0.3425, 0.3806

Protanopia

94.8946, 0.3262, 0.3446

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

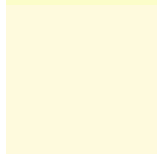
94.6242, 0.3118, 0.3213

Trichromacy



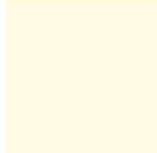
Original Color

94.9768, 0.3425, 0.3806



Protanomaly

94.6625, 0.3327, 0.3575



Deuteranomaly

95.0435, 0.3285, 0.3505



Tritanomaly

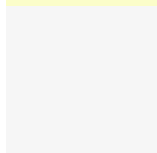
94.4450, 0.3230, 0.3427

Monochromacy



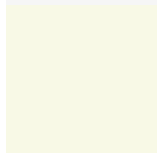
Original Color

94.9768, 0.3425, 0.3806



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.4210, 0.3234, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9768, 0.3425, 0.3806 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(251, 253, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 201)  
}
```

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(251, 253, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 201) }
```

Border

The CSS property to change the border of an element to Yxy 94.9768, 0.3425, 0.3806 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(251, 253, 201) }
```

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

```
.border{ border-color:rgb(251, 253, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 253, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9768, 0.3425, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 201) }
```

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

```
.background{ background-color: rgb(251,  
253, 201) }
```

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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