

Converting Colors

$Yxy(94.8562, 0.3411, 0.3886)$

Have a look what the booklet for
Yxy(94.8562, 0.3411, 0.3886)
contains.

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Color

Yxy(94.9180, 0.3411, 0.3883)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFC4
RGB	245, 255, 196
RGB Percent	96%, 100%, 77%
CMY	0.0392, 0.0000, 0.2314
CMYK	0.04, 0.00, 0.23, 0.00
HSL	70°, 100%, 88%
HSV	70°, 23%, 100%
XYZ	83.3802, 94.9180, 66.1468
YIQ	245.2840, 12.9790, -20.4690

Conversions

Conversions Part 2

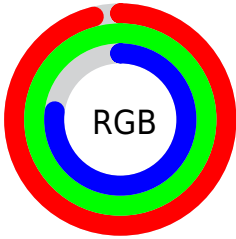
Format	Color
RYB	196, 255, 206
Decimal	16121796
CIELab	98.00, -12.74, 27.17
CIELCh	98, 30.005, 115.124
Yxy	94.9180, 0.3411, 0.3883
Android (android.graphics.Color)	4294311876 (0xFFFF5FFC4)
YUV	245.2840, -24.2970, -0.2491
Hunter-Lab	97.4259, -17.7292, 27.9435

Details

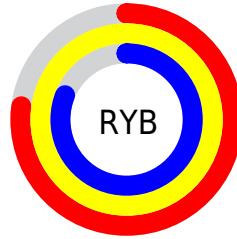
The Yxy color **94.9180, 0.3411, 0.3883** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.8183, 0.2800, 0.2648**, and the grayscale version is **91.7425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **53.0325, 0.3464, 0.4010** is the 20% darker color. If you saturate the color by 10%, you get **93.0862, 0.3531, 0.4149**, and if you desaturate by 10%, it is **96.9662, 0.3288, 0.3620**.

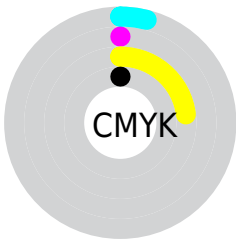
Distribution



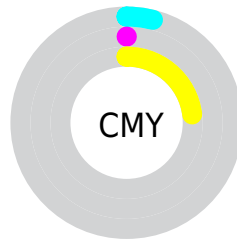
- Red (96%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9180, 0.3411, 0.3883 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 94.9180, 0.3411, 0.3883 by changing the saturation by 10% instead.


 94.9180, 0.3411,
0.3883

 94.9180, 0.3411,
0.3883


543.9024, 0.3290,
0.3616

 72.0667, 0.3436,
0.3942


154.1513, 0.3371,
0.3792

 53.2132, 0.3466,
0.4014


191.3021, 0.3355,
0.3756

 37.9730, 0.3502,
0.4103


233.9883, 0.3341,
0.3725

 25.9617, 0.3546,
0.4216

282.5941, 0.3328,
0.3698

 16.7950, 0.3600,
0.4365

337.5041, 0.3317,
0.3674

 10.0884, 0.3666,
0.4567

399.1025, 0.3307,

 5.4576, 0.3746,

0.3653

0.4856

467.7738, 0.3298,
0.3633

■ 2.5182, 0.3952,
0.5462

■ 0.8857, 0.3747,
0.6253

■ 94.9180, 0.3411,
0.3883

■ 94.9180, 0.3411,
0.3883

■ 93.0862, 0.3531,
0.4149

■ 96.9662, 0.3288,
0.3620

■ 91.4594, 0.3643,
0.4408

■ 99.2388, 0.3165,
0.3367

■ 90.0270, 0.3740,
0.4650

100.0000, 0.3127,
0.3290

■ 88.7769, 0.3818,
0.4864

■ 87.6956, 0.3872,
0.5040

■ 86.7674, 0.3900,
0.5171

■ 85.9733, 0.3902,
0.5256

■ 85.4873, 0.3891,
0.5292

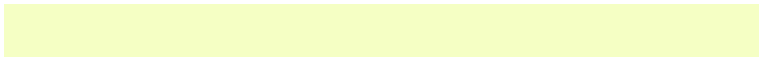
Harmonies

Analogous

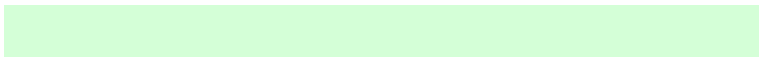
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9180, 0.3672, 0.3804



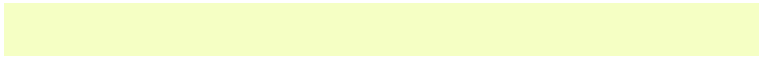
94.9180, 0.3411, 0.3883



94.9180, 0.3083, 0.3784

Triad

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



94.9180, 0.3411, 0.3883



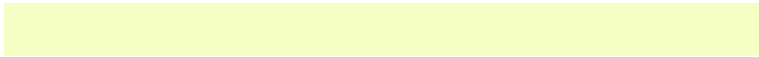
94.9180, 0.2509, 0.2936



94.9180, 0.3474, 0.3061

Complementary

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



94.9180, 0.3411, 0.3883



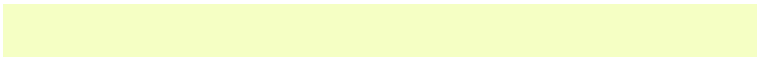
59.8183, 0.2800, 0.2648

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.



94.9180, 0.3144, 0.2857



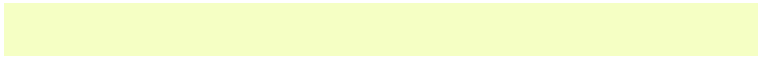
94.9180, 0.3411, 0.3883



94.9180, 0.2599, 0.2777

Square

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



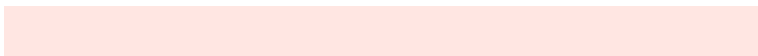
94.9180, 0.3411, 0.3883



94.9180, 0.2572, 0.3209



94.9180, 0.2826, 0.2753



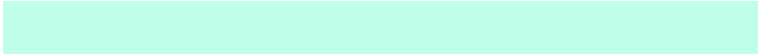
94.9180, 0.3714, 0.3325

Rectangle

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



94.9180, 0.3411, 0.3883



94.9180, 0.2872, 0.3626



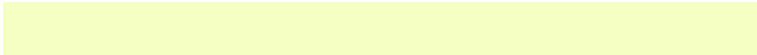
94.9180, 0.2826, 0.2753



94.9180, 0.3369, 0.2984

Sweetspot

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



94.9185, 0.3411, 0.3883



98.3342, 0.3212, 0.3463



69.3058, 0.3585, 0.3393



21.0180, 0.3219, 0.3478



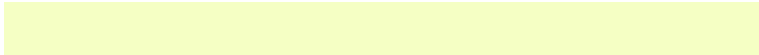
0.0000, 0.0000, 0.0000



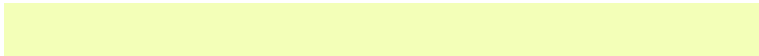
21.4041, 0.3127, 0.3290

Same Dimension

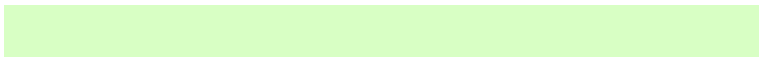
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9185, 0.3411, 0.3883



94.0015, 0.3470, 0.4012



90.0530, 0.3219, 0.3920



20.9259, 0.3243, 0.3527



44.7263, 0.3896, 0.5288



4.3942, 0.3932, 0.5260

Inverse Universe

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



59.8183, 0.2800, 0.2648



53.0301, 0.2718, 0.2494



64.4164, 0.3009, 0.2686



17.5256, 0.3005, 0.3046



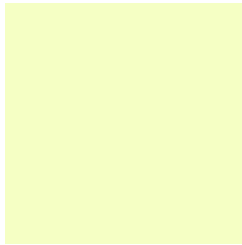
4.0861, 0.1573, 0.0640



0.4371, 0.1664, 0.0690

Previews

White Background



This preview shows how the Yxy color 94.9180, 0.3411, 0.3883 looks on a white background.

Color Contrast Check

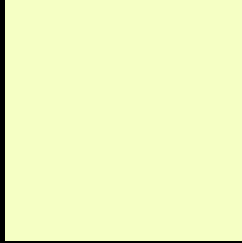
Large Text (above 18pt) WCAG AA × Fail

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 94.9180, 0.3411, 0.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

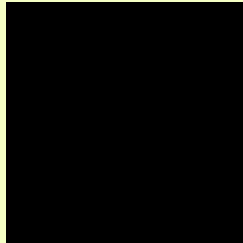
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9180, 0.3411, 0.3883

Background



This preview shows how black text looks on a background with the Yxy color 94.9180, 0.3411, 0.3883.

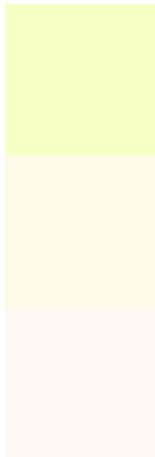


This preview shows how white text looks on a background with the Yxy color 94.9180, 0.3411, 0.3883.

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

94.9180, 0.3411, 0.3883

Protanopia

94.7809, 0.3274, 0.3466

Deuteranopia

94.8659, 0.3202, 0.3338

Tritanopia

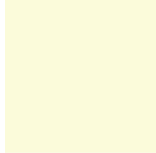
94.8640, 0.3105, 0.3223

Trichromacy



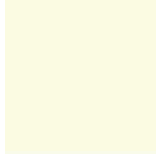
Original Color

94.9180, 0.3411, 0.3883



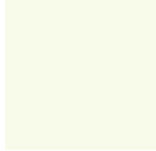
Protanomaly

94.5655, 0.3324, 0.3616



Deuteranomaly

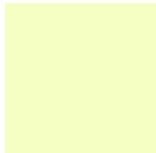
94.9946, 0.3276, 0.3536



Tritanomaly

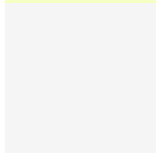
95.0746, 0.3215, 0.3457

Monochromacy



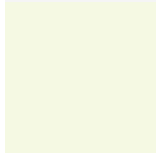
Original Color

94.9180, 0.3411, 0.3883



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.7099, 0.3233, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9180, 0.3411, 0.3883 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(245, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 196)  
}
```

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(245, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 196) }
```

Border

The CSS property to change the border of an element to Yxy 94.9180, 0.3411, 0.3883 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(245, 255, 196) }
```

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

```
.border{ border-color:rgb(245, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9180, 0.3411, 0.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 196) }
```

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

```
.background{ background-color: rgb(245,  
255, 196) }
```

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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