

Converting Colors

$Yxy(94.4240, 0.3593, 0.4147)$

Have a look what the booklet for
Yxy(94.4240, 0.3593, 0.4147)
contains.

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Color

Yxy(94.5243, 0.3596, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFA9
RGB	249, 255, 169
RGB Percent	98%, 100%, 66%
CMY	0.0236, 0.0000, 0.3371
CMYK	0.02, 0.00, 0.34, 0.00
HSL	64°, 100%, 83%
HSV	64°, 34%, 100%
XYZ	81.9849, 94.5243, 51.4799
YIQ	243.4020, 24.0300, -28.0180

Conversions

Conversions Part 2

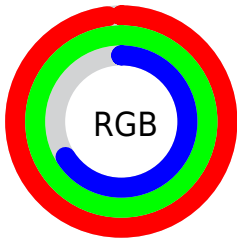
Format	Color
R _Y B	169, 255, 175
Decimal	16383913
CIE Lab	97.84, -14.74, 40.47
CIE LCh	98, 43.075, 110.017
Yxy	94.5243, 0.3596, 0.4146
Android (android.graphics.Color)	4294573993 (0xFFFF9FFA9)
YUV	243.4020, -36.6802, 4.9094
Hunter-Lab	97.2236, -19.6192, 36.6624

Details

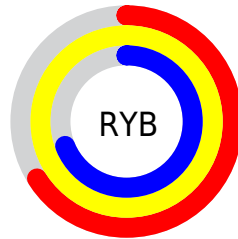
The Yxy color **94.5243, 0.3596, 0.4146** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.7337, 0.2557, 0.2291**, and the grayscale version is **90.2453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **52.7255, 0.3678, 0.4325** is the 20% darker color. If you saturate the color by 10%, you get **93.3281, 0.3725, 0.4391**, and if you desaturate by 10%, it is **95.9047, 0.3458, 0.3890**.

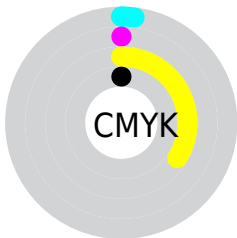
Distribution



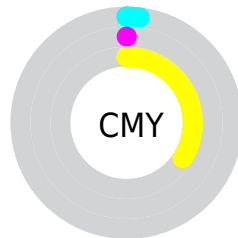
- Red (98%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5243, 0.3596, 0.4146 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 94.5243, 0.3596, 0.4146 by changing the saturation by 10% instead.

 94.5243, 0.3596,
0.4146

 94.5243, 0.3596,
0.4146


542.6410, 0.3399,
0.3763

 71.7391, 0.3636,
0.4229


 153.6072, 0.3532,
0.4016

 52.9456, 0.3682,
0.4330


190.6738, 0.3506,
0.3965

 37.7593, 0.3736,
0.4454


233.2696, 0.3483,
0.3920

 25.7960, 0.3799,
0.4608

281.7790, 0.3462,
0.3881

 16.6711, 0.3872,
0.4805

336.5865, 0.3444,
0.3846

 10.0002, 0.3950,
0.5061

398.0763, 0.3428,

 5.3991, 0.4043,

0.3815

0.5428

466.6330, 0.3413,
0.3787

■ 2.4833, 0.4084,
0.5916

■ 0.8683, 0.3489,
0.6511

■ 94.5243, 0.3596,
0.4146

■ 94.5243, 0.3596,
0.4146

■ 93.3281, 0.3725,
0.4391

■ 95.9047, 0.3458,
0.3890

■ 92.3138, 0.3840,
0.4614

■ 97.4879, 0.3317,
0.3632

■ 91.4664, 0.3935,
0.4806

■ 99.2803, 0.3178,
0.3381

■ 90.7724, 0.4006,
0.4958

100.0000, 0.3127,
0.3290

■ 90.2161, 0.4049,
0.5066

■ 89.7784, 0.4067,
0.5129

■ 89.5466, 0.4069,
0.5151

Harmonies

Analogous

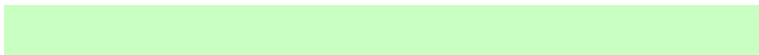
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5243, 0.3948, 0.3970



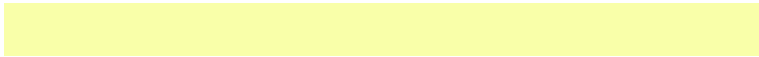
94.5243, 0.3596, 0.4146



94.5243, 0.3134, 0.4063

Triad

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



94.5243, 0.3596, 0.4146



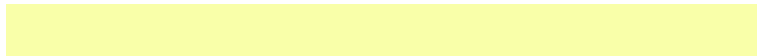
94.5243, 0.2259, 0.2830



94.5243, 0.3547, 0.2910

Complementary

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



94.5243, 0.3596, 0.4146



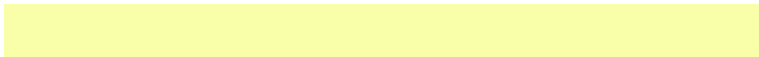
44.7337, 0.2557, 0.2291

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.



94.5243, 0.3062, 0.2650



94.5243, 0.3596, 0.4146



94.5243, 0.2348, 0.2587

Square

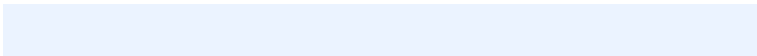
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.5243, 0.3596, 0.4146



94.5243, 0.2378, 0.3239



94.5243, 0.2630, 0.2532



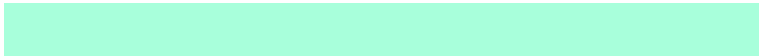
94.5243, 0.3931, 0.3261

Rectangle

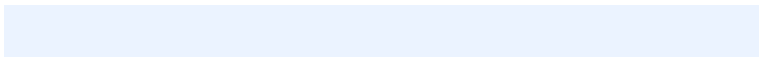
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.5243, 0.3596, 0.4146



94.5243, 0.2828, 0.3852



94.5243, 0.2630, 0.2532



94.5243, 0.3388, 0.2810

Sweetspot

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



94.5215, 0.3596, 0.4146



98.1277, 0.3265, 0.3538



54.6980, 0.3904, 0.3353



20.9507, 0.3285, 0.3574



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

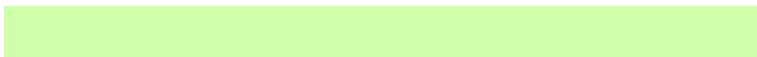
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5215, 0.3596, 0.4146



93.7492, 0.3679, 0.4302



87.5497, 0.3310, 0.4232



21.0221, 0.3258, 0.3526



46.8175, 0.4071, 0.5150



4.5771, 0.4086, 0.5138

Inverse Universe

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



44.7337, 0.2557, 0.2291



37.4914, 0.2429, 0.2072



50.4792, 0.2872, 0.2373



17.4385, 0.2989, 0.3045



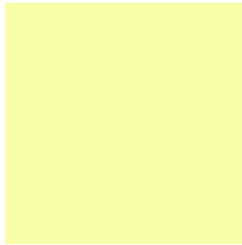
3.8613, 0.1521, 0.0612



0.3962, 0.1569, 0.0638

Previews

White Background



This preview shows how the Yxy color 94.5243, 0.3596, 0.4146 looks on a white background.

Color Contrast Check

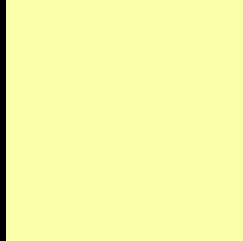
Large Text (above 18pt) WCAG AA × Fail

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 94.5243, 0.3596, 0.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

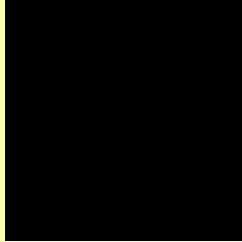
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5243, 0.3596, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 94.5243, 0.3596, 0.4146.



This preview shows how white text looks on a background with the Yxy color 94.5243, 0.3596, 0.4146.

Color Blindness Simulation

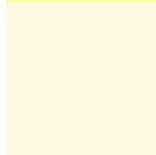
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



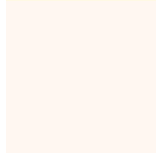
Original Color

94.5243, 0.3596, 0.4146



Protanopia

94.6128, 0.3292, 0.3495



Deuteranopia

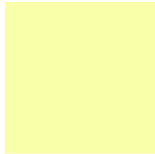
94.1324, 0.3215, 0.3348



Tritanopia

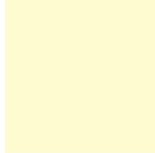
94.2024, 0.3125, 0.3204

Trichromacy



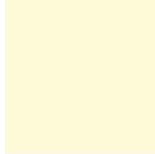
Original Color

94.5243, 0.3596, 0.4146



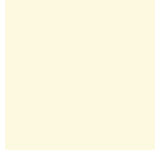
Protanomaly

94.3820, 0.3405, 0.3725



Deuteranomaly

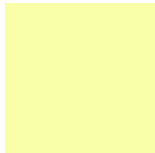
94.1602, 0.3357, 0.3636



Tritanomaly

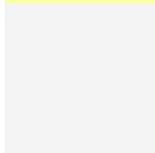
93.8286, 0.3297, 0.3536

Monochromacy



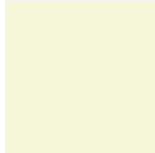
Original Color

94.5243, 0.3596, 0.4146



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.8919, 0.3302, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5243, 0.3596, 0.4146 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(249, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 169)  
}
```

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(249, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 169) }
```

Border

The CSS property to change the border of an element to Yxy 94.5243, 0.3596, 0.4146 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(249, 255, 169) }
```

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

```
.border{ border-color:rgb(249, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5243, 0.3596, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 169) }
```

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

```
.background{ background-color: rgb(249,  
255, 169) }
```

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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