

Converting Colors

$Yxy(93.8955, 0.3537, 0.4106)$

Have a look what the booklet for
Yxy(93.8955, 0.3537, 0.4106)
contains.

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Color

Yxy(93.9885, 0.3540, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFAE
RGB	245, 255, 174
RGB Percent	96%, 100%, 68%
CMY	0.0393, 0.0000, 0.3176
CMYK	0.04, 0.00, 0.32, 0.00
HSL	67°, 100%, 84%
HSV	67°, 32%, 100%
XYZ	81.0522, 93.9885, 53.9203
YIQ	242.7760, 20.0410, -27.3110

Conversions

Conversions Part 2

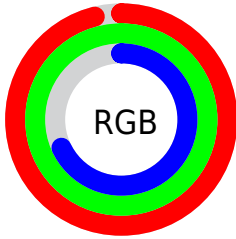
Format	Color
RYB	174, 255, 184
Decimal	16121774
CIELab	97.63, -15.63, 37.68
CIELCh	98, 40.789, 112.527
Yxy	93.9885, 0.3540, 0.4105
Android (android.graphics.Color)	4294311854 (0xFFFF5FFAE)
YUV	242.7760, -33.9066, 1.9504
Hunter-Lab	96.9477, -20.4251, 34.8875

Details

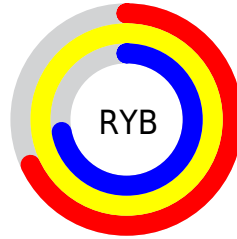
The Yxy color **93.9885, 0.3540, 0.4105** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.6923, 0.2626, 0.2365**, and the grayscale version is **89.6989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **52.4600, 0.3617, 0.4275** is the 20% darker color. If you saturate the color by 10%, you get **92.5210, 0.3662, 0.4360**, and if you desaturate by 10%, it is **95.6488, 0.3411, 0.3843**.

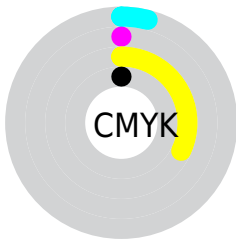
Distribution



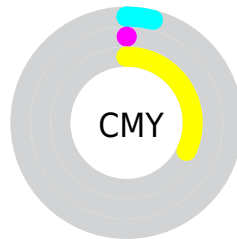
- Red (96%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.9885, 0.3540, 0.4105 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 93.9885, 0.3540, 0.4105 by changing the saturation by 10% instead.


 93.9885, 0.3540,
0.4105

 93.9885, 0.3540,
0.4105


540.9217, 0.3367,
0.3738

 71.2934, 0.3575,
0.4185


 152.8664, 0.3483,
0.3980

 52.5817, 0.3616,
0.4283

189.8181, 0.3460,
0.3931

 37.4689, 0.3664,
0.4403


232.2906, 0.3440,
0.3888

 25.5708, 0.3721,
0.4555

280.6686, 0.3422,
0.3851

 16.5028, 0.3786,
0.4750

335.3362, 0.3406,
0.3818

 9.8806, 0.3858,
0.5008

396.6780, 0.3391,

 5.3199, 0.3932,

0.3788

0.5366

465.0784, 0.3378,
0.3762

■ 2.4362, 0.4030,
0.5970

■ 0.8444, 0.3327,
0.6673

■ 93.9885, 0.3540,
0.4105

■ 93.9885, 0.3540,
0.4105

■ 92.5210, 0.3662,
0.4360

■ 95.6488, 0.3411,
0.3843

■ 91.2441, 0.3770,
0.4597

■ 97.5203, 0.3279,
0.3584

■ 90.1431, 0.3859,
0.4807

■ 99.6094, 0.3150,
0.3333

■ 89.2046, 0.3925,
0.4979

100.0000, 0.3127,
0.3290

■ 88.4136, 0.3965,
0.5106

■ 87.7516, 0.3978,
0.5188

■ 87.2801, 0.3973,
0.5228

Harmonies

Analogous

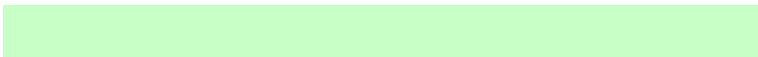
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9885, 0.3887, 0.3959



93.9885, 0.3540, 0.4105



93.9885, 0.3097, 0.4001

Triad

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



93.9885, 0.3540, 0.4105



93.9885, 0.2300, 0.2828



93.9885, 0.3562, 0.2954

Complementary

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



93.9885, 0.3540, 0.4105



47.6923, 0.2626, 0.2365

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.



93.9885, 0.3105, 0.2696



93.9885, 0.3540, 0.4105



93.9885, 0.2401, 0.2610

Square

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



93.9885, 0.3540, 0.4105



93.9885, 0.2397, 0.3207



93.9885, 0.2685, 0.2571



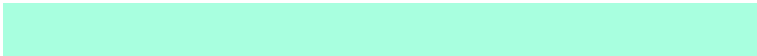
93.9885, 0.3911, 0.3294

Rectangle

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



93.9885, 0.3540, 0.4105



93.9885, 0.2810, 0.3790



93.9885, 0.2685, 0.2571



93.9885, 0.3414, 0.2856

Sweetspot

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



93.9857, 0.3540, 0.4105



97.8717, 0.3256, 0.3539



58.3749, 0.3829, 0.3391



20.8884, 0.3275, 0.3575



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

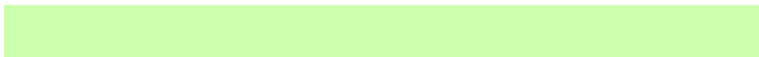
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9857, 0.3540, 0.4105



93.0490, 0.3617, 0.4265



87.5641, 0.3274, 0.4180



20.9700, 0.3250, 0.3526



45.6507, 0.3977, 0.5225



4.4755, 0.4003, 0.5204

Inverse Universe

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



47.6923, 0.2626, 0.2365



40.2637, 0.2507, 0.2152



53.3380, 0.2921, 0.2438



17.4854, 0.2998, 0.3045



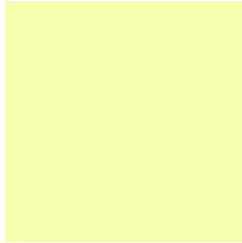
3.9627, 0.1545, 0.0625



0.4182, 0.1621, 0.0666

Previews

White Background



This preview shows how the Yxy color 93.9885, 0.3540, 0.4105 looks on a white background.

Color Contrast Check

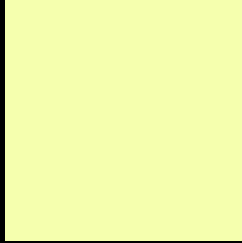
Large Text (above 18pt) WCAG AA × Fail

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 93.9885, 0.3540, 0.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

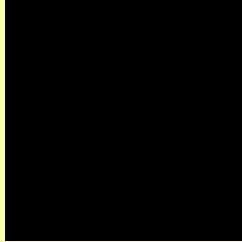
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.9885, 0.3540, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 93.9885, 0.3540, 0.4105.



This preview shows how white text looks on a background with the Yxy color 93.9885, 0.3540, 0.4105.

Color Blindness Simulation

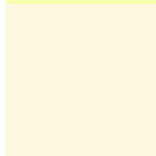
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



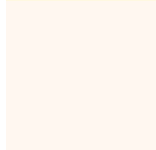
Original Color

93.9885, 0.3540, 0.4105



Protanopia

93.8310, 0.3312, 0.3515



Deuteranopia

94.0728, 0.3221, 0.3358



Tritanopia

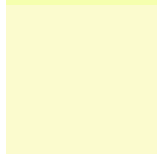
93.8270, 0.3112, 0.3203

Trichromacy



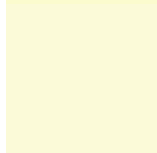
Original Color

93.9885, 0.3540, 0.4105



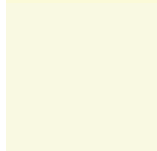
Protanomaly

93.9598, 0.3398, 0.3737



Deuteranomaly

93.8383, 0.3338, 0.3627



Tritanomaly

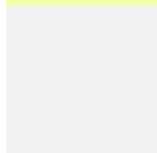
93.3821, 0.3265, 0.3518

Monochromacy



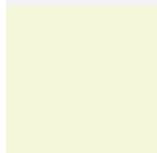
Original Color

93.9885, 0.3540, 0.4105



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.8166, 0.3283, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9885, 0.3540, 0.4105 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 174) }
```

Border

The CSS property to change the border of an element to Yxy 93.9885, 0.3540, 0.4105 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, 174) }
```

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

```
.border{ border-color:rgb(245, 255, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9885, 0.3540, 0.4105 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, 174) }
```

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

```
.background{ background-color: rgb(245,  
255, 174) }
```

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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