

Converting Colors

$Yxy(93.7646, 0.3500, 0.3959)$

Have a look what the booklet for
Yxy(93.7646, 0.3500, 0.3959)
contains.

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Color

Yxy(93.9355, 0.3501, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	F9FDBA
RGB	249, 253, 186
RGB Percent	98%, 99%, 73%
CMY	0.0237, 0.0078, 0.2704
CMYK	0.02, 0.00, 0.26, 0.01
HSL	64°, 94%, 86%
HSV	64°, 26%, 99%
XYZ	83.0475, 93.9355, 60.2278
YIQ	244.1660, 19.1230, -21.6850

Conversions

Conversions Part 2

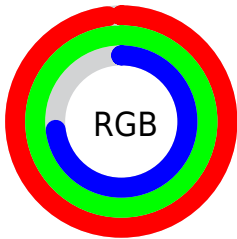
Format	Color
RYB	186, 253, 190
Decimal	16383418
CIELab	97.61, -11.68, 31.70
CIELCh	98, 33.779, 110.222
Yxy	93.9355, 0.3501, 0.3960
Android (android.graphics.Color)	4294573498 (0xFFF9FDBA)
YUV	244.1660, -28.6758, 4.2394
Hunter-Lab	96.9203, -16.6604, 31.0005

Details

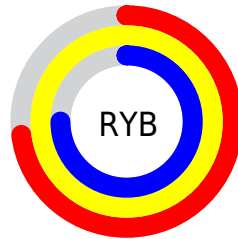
The Yxy color **93.9355, 0.3501, 0.3960** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.1851, 0.2694, 0.2533**, and the grayscale version is **90.8296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **52.3523, 0.3579, 0.4105** is the 20% darker color. If you saturate the color by 10%, you get **92.6765, 0.3639, 0.4213**, and if you desaturate by 10%, it is **95.3957, 0.3359, 0.3703**.

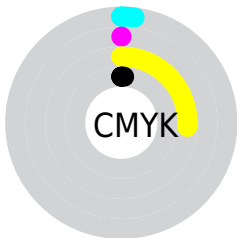
Distribution



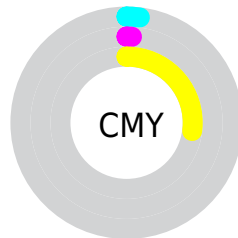
- Red (98%)
- Green (99%)
- Blue (73%)



- Red (73%)
- Yellow (99%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.9355, 0.3501, 0.3960 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 93.9355, 0.3501, 0.3960 by changing the saturation by 10% instead.

 93.9355, 0.3501,
0.3960

 93.9355, 0.3501,
0.3960


540.7515, 0.3341,
0.3659

 71.2493, 0.3534,
0.4026


 152.7931, 0.3448,
0.3858

 52.5457, 0.3574,
0.4106


189.7334, 0.3427,
0.3817

 37.4402, 0.3621,
0.4205


232.1937, 0.3408,
0.3782

 25.5485, 0.3678,
0.4331

280.5586, 0.3392,
0.3752

 16.4862, 0.3748,
0.4493

335.2125, 0.3377,
0.3724

 9.8688, 0.3833,
0.4712

396.5396, 0.3364,

 5.3121, 0.3931,

0.3700

0.5013

464.9245, 0.3352,
0.3679

■ 2.4315, 0.4248,
0.5752

■ 0.8420, 0.3796,
0.6204

■ 93.9355, 0.3501,
0.3960

■ 93.9355, 0.3501,
0.3960

■ 92.6765, 0.3639,
0.4213

■ 95.3957, 0.3359,
0.3703

■ 91.5962, 0.3766,
0.4451

■ 97.0538, 0.3217,
0.3449

■ 90.6876, 0.3878,
0.4665

■ 98.4677, 0.3119,
0.3271

■ 89.9387, 0.3968,
0.4845

■ 98.7405, 0.3128,
0.3271

■ 89.3356, 0.4033,
0.4983

■ 88.8622, 0.4072,
0.5076

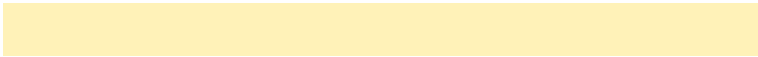
■ 88.4983, 0.4085,
0.5126

■ 88.3852, 0.4086,
0.5138

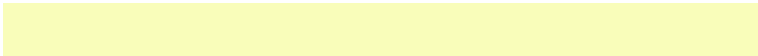
Harmonies

Analogous

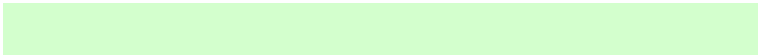
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9355, 0.3776, 0.3836



93.9355, 0.3501, 0.3960



93.9355, 0.3136, 0.3885

Triad

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



93.9355, 0.3501, 0.3960



93.9355, 0.2433, 0.2931



93.9355, 0.3461, 0.2989

Complementary

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



93.9355, 0.3501, 0.3960



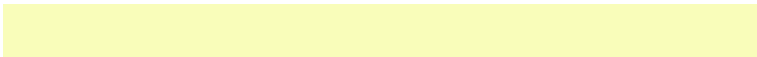
53.1851, 0.2694, 0.2533

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.



93.9355, 0.3083, 0.2778



93.9355, 0.3501, 0.3960



93.9355, 0.2506, 0.2731

Square

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



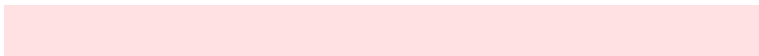
93.9355, 0.3501, 0.3960



93.9355, 0.2530, 0.3254



93.9355, 0.2737, 0.2683



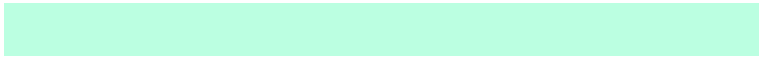
93.9355, 0.3758, 0.3276

Rectangle

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



93.9355, 0.3501, 0.3960



93.9355, 0.2893, 0.3723



93.9355, 0.2737, 0.2683



93.9355, 0.3338, 0.2908

Sweetspot

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



93.9397, 0.3501, 0.3960



98.5216, 0.3238, 0.3488



60.9937, 0.3691, 0.3327



21.0315, 0.3260, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

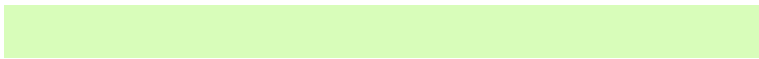
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9397, 0.3501, 0.3960



94.8876, 0.3578, 0.4101



88.4332, 0.3282, 0.4010



21.0315, 0.3260, 0.3525



47.0346, 0.4088, 0.5136



4.5959, 0.4100, 0.5126

Inverse Universe

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



53.1851, 0.2694, 0.2533



46.7661, 0.2586, 0.2348



57.8943, 0.2930, 0.2582



17.4302, 0.2988, 0.3045



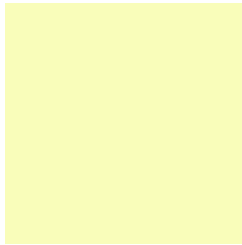
3.8478, 0.1518, 0.0610



0.3922, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 93.9355, 0.3501, 0.3960 looks on a white background.

Color Contrast Check

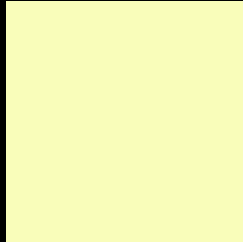
Large Text (above 18pt) WCAG AA × Fail

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 93.9355, 0.3501, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

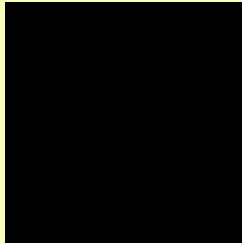
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.9355, 0.3501, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 93.9355, 0.3501, 0.3960.

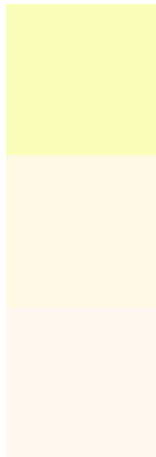


This preview shows how white text looks on a background with the Yxy color 93.9355, 0.3501, 0.3960.

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

93.9355, 0.3501, 0.3960

Protanopia

93.8858, 0.3306, 0.3505

Deuteranopia

94.0728, 0.3221, 0.3358



Tritanopia

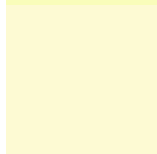
94.0142, 0.3118, 0.3204

Trichromacy



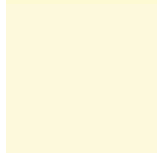
Original Color

93.9355, 0.3501, 0.3960



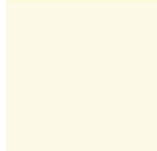
Protanomaly

93.9570, 0.3382, 0.3676



Deuteranomaly

93.8013, 0.3328, 0.3576



Tritanomaly

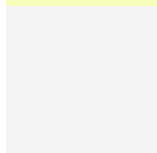
94.1600, 0.3260, 0.3477

Monochromacy



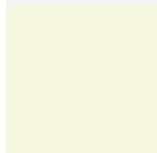
Original Color

93.9355, 0.3501, 0.3960



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.4421, 0.3265, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9355, 0.3501, 0.3960 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, 253, 186)` looks like.

```
.text, #text, p{  
    color:rgb(249, 253, 186)  
}
```

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, 253, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 253, 186) }
```

Border

The CSS property to change the border of an element to Yxy 93.9355, 0.3501, 0.3960 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, 253, 186) }
```

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

```
.border{ border-color:rgb(249, 253, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 253, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 253, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 253, 186); box-shadow:4px 4px 4px 4px rgb(249, 253, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9355, 0.3501, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 253, 186) }
```

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

```
.background{ background-color: rgb(249,  
253, 186) }
```

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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