

Converting Colors

$Y_{xy}(95.1296, 0.3435, 0.3903)$

Have a look what the booklet for
Yxy(95.1296, 0.3435, 0.3903)
contains.

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Color

Yxy(95.1892, 0.3436, 0.3901)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFC2
RGB	247, 255, 194
RGB Percent	97%, 100%, 76%
CMY	0.0315, 0.0000, 0.2393
CMYK	0.03, 0.00, 0.24, 0.00
HSL	68°, 100%, 88%
HSV	68°, 24%, 100%
XYZ	83.8426, 95.1892, 64.9805
YIQ	245.6540, 14.8130, -20.6670

Conversions

Conversions Part 2

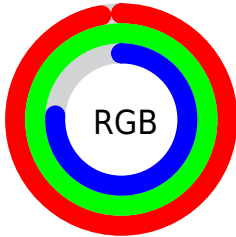
Format	Color
RYB	194, 255, 202
Decimal	16252866
CIELab	98.11, -12.32, 28.35
CIElCh	98, 30.917, 113.491
Yxy	95.1892, 0.3436, 0.3901
Android (android.graphics.Color)	4294442946 (0xFFFF7FFC2)
YUV	245.6540, -25.4654, 1.1804
Hunter-Lab	97.5650, -17.3444, 28.8070

Details

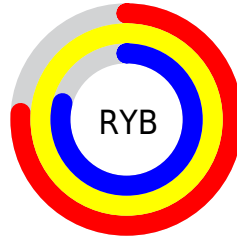
The Yxy color **95.1892, 0.3436, 0.3901** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.3544, 0.2771, 0.2621**, and the grayscale version is **92.0525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **53.2288, 0.3496, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **93.5266, 0.3562, 0.4163**, and if you desaturate by 10%, it is **97.0429, 0.3306, 0.3640**.

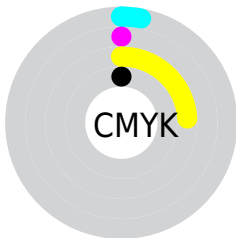
Distribution



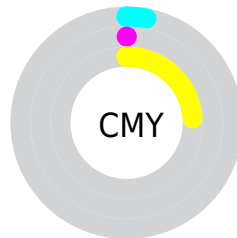
- Red (97%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1892, 0.3436, 0.3901 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 95.1892, 0.3436, 0.3901 by changing the saturation by 10% instead.


 95.1892, 0.3436,
0.3901

 95.1892, 0.3436,
0.3901


544.7705, 0.3304,
0.3627

 72.2925, 0.3463,
0.3961


 154.5260, 0.3392,
0.3808

 53.3976, 0.3496,
0.4035


191.7348, 0.3375,
0.3771

 38.1203, 0.3535,
0.4126


234.4831, 0.3359,
0.3739

 26.0761, 0.3583,
0.4242

283.1552, 0.3346,
0.3711

 16.8805, 0.3641,
0.4393

338.1357, 0.3334,
0.3686

 10.1494, 0.3713,
0.4598

399.8088, 0.3323,

 5.4981, 0.3800,

0.3664

0.4888

468.5589, 0.3313,
0.3644

■ 2.5424, 0.4039,
0.5525

■ 0.8978, 0.3809,
0.6191

■ 95.1892, 0.3436,
0.3901

■ 95.1892, 0.3436,
0.3901

■ 93.5266, 0.3562,
0.4163

■ 97.0429, 0.3306,
0.3640

■ 92.0697, 0.3680,
0.4416

■ 99.1218, 0.3177,
0.3386

■ 90.7994, 0.3783,
0.4649

100.0000, 0.3127,
0.3290

■ 89.7034, 0.3866,
0.4853

■ 88.7683, 0.3925,
0.5018

■ 87.9781, 0.3957,
0.5137

■ 87.3135, 0.3964,
0.5211

■ 86.9547, 0.3958,
0.5239

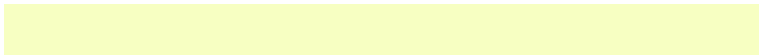
Harmonies

Analogous

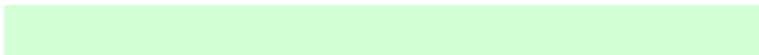
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1892, 0.3698, 0.3809



95.1892, 0.3436, 0.3901



95.1892, 0.3100, 0.3810

Triad

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



95.1892, 0.3436, 0.3901



95.1892, 0.2491, 0.2938



95.1892, 0.3467, 0.3041

Complementary

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



95.1892, 0.3436, 0.3901



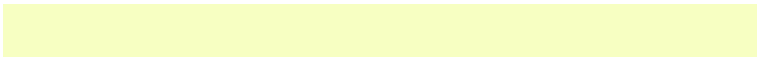
58.3544, 0.2771, 0.2621

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.



95.1892, 0.3126, 0.2836



95.1892, 0.3436, 0.3901



95.1892, 0.2575, 0.2768

Square

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



95.1892, 0.3436, 0.3901



95.1892, 0.2564, 0.3224



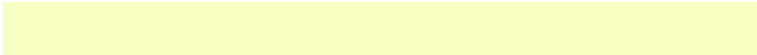
95.1892, 0.2801, 0.2736



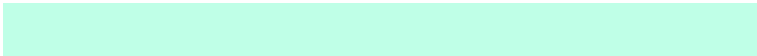
95.1892, 0.3722, 0.3310

Rectangle

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



95.1892, 0.3436, 0.3901



95.1892, 0.2881, 0.3652



95.1892, 0.2801, 0.2736



95.1892, 0.3357, 0.2964

Sweetspot

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



95.1809, 0.3436, 0.3901



98.4598, 0.3216, 0.3463



66.9738, 0.3612, 0.3365



21.0471, 0.3224, 0.3478



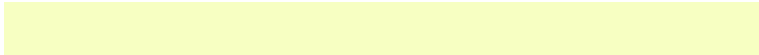
0.0000, 0.0000, 0.0000



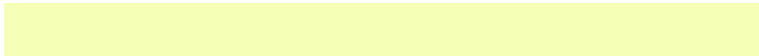
21.4041, 0.3127, 0.3290

Same Dimension

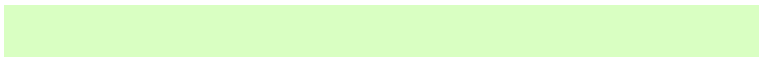
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1809, 0.3436, 0.3901



94.3167, 0.3501, 0.4034



90.2228, 0.3241, 0.3940



20.9622, 0.3249, 0.3526



45.4830, 0.3962, 0.5236



4.4608, 0.3990, 0.5214

Inverse Universe

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



58.3544, 0.2771, 0.2621



51.3378, 0.2681, 0.2457



62.8854, 0.2982, 0.2660



17.4925, 0.2999, 0.3046



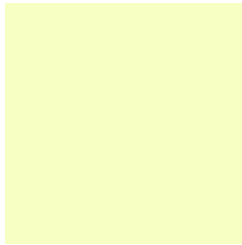
3.9818, 0.1549, 0.0627



0.4215, 0.1628, 0.0671

Previews

White Background



This preview shows how the Yxy color 95.1892, 0.3436, 0.3901 looks on a white background.

Color Contrast Check

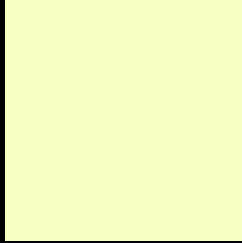
Large Text (above 18pt) WCAG AA × Fail

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 95.1892, 0.3436, 0.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

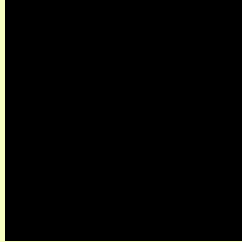
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1892, 0.3436, 0.3901

Background



This preview shows how black text looks on a background with the Yxy color 95.1892, 0.3436, 0.3901.



This preview shows how white text looks on a background with the Yxy color 95.1892, 0.3436, 0.3901.

Color Blindness Simulation

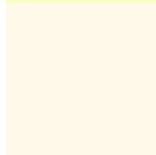
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



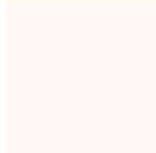
Original Color

95.1892, 0.3436, 0.3901



Protanopia

94.8946, 0.3262, 0.3446



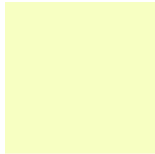
Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

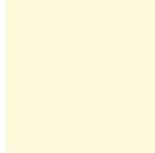
95.0503, 0.3111, 0.3223

Trichromacy



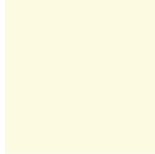
Original Color

95.1892, 0.3436, 0.3901



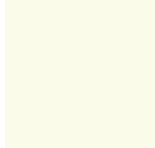
Protanomaly

94.8043, 0.3325, 0.3606



Deuteranomaly

95.1808, 0.3282, 0.3535



Tritanomaly

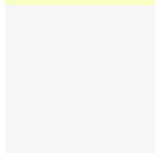
95.2015, 0.3227, 0.3467

Monochromacy



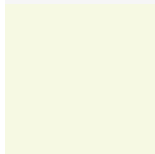
Original Color

95.1892, 0.3436, 0.3901



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.8902, 0.3239, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1892, 0.3436, 0.3901 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(247, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 194)  
}
```

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(247, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 194) }
```

Border

The CSS property to change the border of an element to Yxy 95.1892, 0.3436, 0.3901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

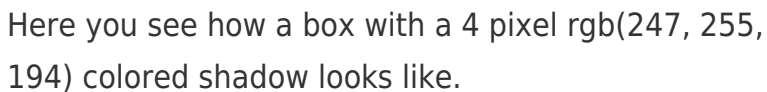
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 255, 194) }
```

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

```
.border{ border-color:rgb(247, 255, 194) }
```

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



Here you see how a box with a 4 pixel rgb(247, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1892, 0.3436, 0.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 194) }
```

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

```
.background{ background-color: rgb(247,  
255, 194) }
```

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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