

Converting Colors

$Y_{xy}(93.8717, 0.3410, 0.3822)$

Have a look what the booklet for
Yxy(93.8717, 0.3410, 0.3822)
contains.

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Color

Yxy(93.5185, 0.3412, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	F7FCC7
RGB	247, 252, 199
RGB Percent	97%, 99%, 78%
CMY	0.0312, 0.0118, 0.2196
CMYK	0.02, 0.00, 0.21, 0.01
HSL	66°, 90%, 88%
HSV	66°, 21%, 99%
XYZ	83.4864, 93.5185, 67.6798
YIQ	244.4630, 14.0330, -17.5430

Conversions

Conversions Part 2

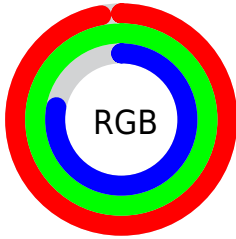
Format	Color
RYB	199, 252, 204
Decimal	16252103
CIELab	97.44, -10.11, 24.90
CIELCh	97, 26.871, 112.100
Yxy	93.5185, 0.3412, 0.3822
Android (android.graphics.Color)	4294442183 (0xFFFF7FCC7)
YUV	244.4630, -22.4133, 2.2249
Hunter-Lab	96.7050, -15.1327, 26.1989

Details

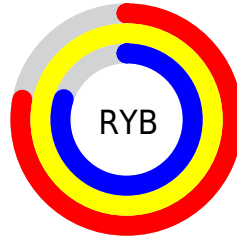
The Yxy color **93.5185, 0.3412, 0.3822** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.7038, 0.2806, 0.2709**, and the grayscale version is **91.0382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0217, 0.3467, 0.3932** is the 20% darker color. If you saturate the color by 10%, you get **92.0215, 0.3547, 0.4081**, and if you desaturate by 10%, it is **95.2230, 0.3275, 0.3564**.

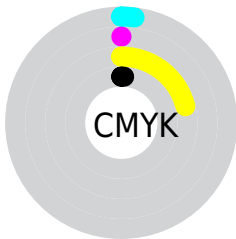
Distribution



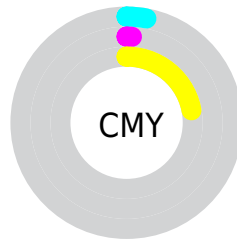
- Red (97%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)





- Cyan (3%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5185, 0.3412, 0.3822 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 93.5185, 0.3412, 0.3822 by changing the saturation by 10% instead.

 93.5185, 0.3412,
0.3822

 93.5185, 0.3412,
0.3822


539.4112, 0.3289,
0.3583

 70.9025, 0.3438,
0.3875

152.2163, 0.3371,
0.3740

 52.2627, 0.3469,
0.3939


189.0668, 0.3355,
0.3708

 37.2145, 0.3507,
0.4019


231.4311, 0.3340,
0.3681

 25.3736, 0.3553,
0.4121

279.6934, 0.3328,
0.3656

 16.3556, 0.3611,
0.4254

334.2382, 0.3316,
0.3635

 9.7761, 0.3686,
0.4437

395.4498, 0.3306,

 5.2508, 0.3780,

0.3615

0.4698

463.7127, 0.3297,
0.3598

■ 2.3952, 0.3990,
0.5222

■ 0.8234, 0.3942,
0.6058

■ 93.5185, 0.3412,
0.3822

■ 93.5185, 0.3412,
0.3822

■ 92.0215, 0.3547,
0.4081

■ 95.2230, 0.3275,
0.3564

■ 90.7100, 0.3675,
0.4333

■ 97.1316, 0.3141,
0.3315

■ 89.5779, 0.3790,
0.4567

■ 97.9295, 0.3123,
0.3261

■ 88.6137, 0.3886,
0.4773

■ 98.0981, 0.3128,
0.3261

■ 87.8047, 0.3959,
0.4941

■ 87.1363, 0.4006,
0.5066

■ 86.5910, 0.4027,
0.5145

■ 86.1821, 0.4027,
0.5185

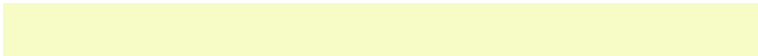
Harmonies

Analogous

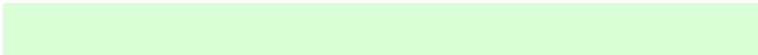
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5185, 0.3635, 0.3739



93.5185, 0.3412, 0.3822



93.5185, 0.3119, 0.3748

Triad

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



93.5185, 0.3412, 0.3822



93.5185, 0.2567, 0.2994



93.5185, 0.3412, 0.3062

Complementary

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



93.5185, 0.3412, 0.3822



60.7038, 0.2806, 0.2709

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.



93.5185, 0.3113, 0.2884



93.5185, 0.3412, 0.3822



93.5185, 0.2635, 0.2836

Square

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



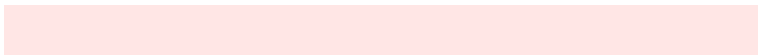
93.5185, 0.3412, 0.3822



93.5185, 0.2639, 0.3248



93.5185, 0.2831, 0.2801



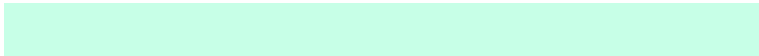
93.5185, 0.3639, 0.3298

Rectangle

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



93.5185, 0.3412, 0.3822



93.5185, 0.2925, 0.3616



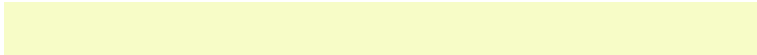
93.5185, 0.2831, 0.2801



93.5185, 0.3316, 0.2994

Sweetspot

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



93.5226, 0.3412, 0.3822



98.7831, 0.3207, 0.3438



67.7250, 0.3543, 0.3337



21.1163, 0.3216, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

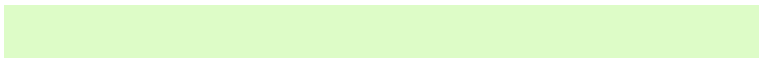
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5226, 0.3412, 0.3822



95.4393, 0.3466, 0.3926



89.1260, 0.3240, 0.3852



20.1034, 0.3254, 0.3525



44.9300, 0.4030, 0.5182



4.1846, 0.4051, 0.5166

Inverse Universe

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



60.7038, 0.2806, 0.2709



56.4897, 0.2736, 0.2583



64.6816, 0.2990, 0.2739



16.7206, 0.2993, 0.3046



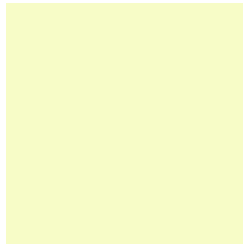
3.7863, 0.1530, 0.0617



0.3760, 0.1595, 0.0653

Previews

White Background



This preview shows how the Yxy color 93.5185, 0.3412, 0.3822 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 93.5185, 0.3412, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

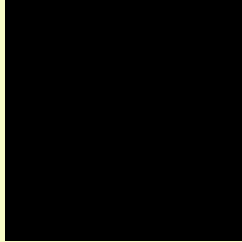
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.5185, 0.3412, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 93.5185, 0.3412, 0.3822.

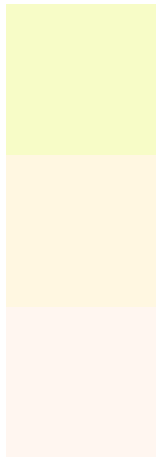


This preview shows how white text looks on a background with the Yxy color 93.5185, 0.3412, 0.3822.

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

93.5185, 0.3412, 0.3822

Protanopia

93.2178, 0.3313, 0.3506

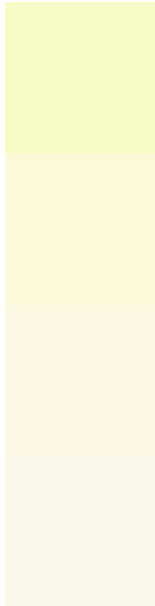
Deuteranopia

93.4628, 0.3222, 0.3348

Tritanopia

93.8270, 0.3112, 0.3203

Trichromacy



Original Color

93.5185, 0.3412, 0.3822

Protanomaly

93.4047, 0.3346, 0.3617

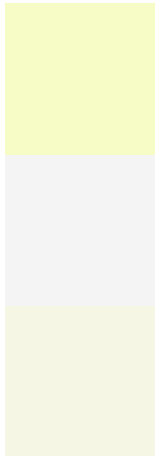
Deuteranomaly

93.2665, 0.3292, 0.3517

Tritanomaly

93.4570, 0.3218, 0.3418

Monochromacy



Original Color

93.5185, 0.3412, 0.3822

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.5354, 0.3228, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5185, 0.3412, 0.3822 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, 252, 199)` looks like.

```
.text, #text, p{  
    color:rgb(247, 252, 199)  
}
```

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, 252, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 252, 199) }
```

Border

The CSS property to change the border of an element to Yxy 93.5185, 0.3412, 0.3822 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, 252, 199) }
```

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

```
.border{ border-color:rgb(247, 252, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 252, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 252, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 252, 199);  
box-shadow:4px 4px 4px 4px rgb(247, 252,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5185, 0.3412, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 252, 199) }
```

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

```
.background{ background-color: rgb(247,  
252, 199) }
```

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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