

Converting Colors

$Yxy(93.5076, 0.3487, 0.3923)$

Have a look what the booklet for
Yxy(93.5076, 0.3487, 0.3923)
contains.

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Color

Yxy(93.4347, 0.3486, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	F9FCBD
RGB	249, 252, 189
RGB Percent	98%, 99%, 74%
CMY	0.0234, 0.0118, 0.2589
CMYK	0.01, 0.00, 0.25, 0.01
HSL	63°, 91%, 86%
HSV	63°, 25%, 99%
XYZ	83.0690, 93.4347, 61.7894
YIQ	243.9210, 18.4350, -20.2290

Conversions

Conversions Part 2

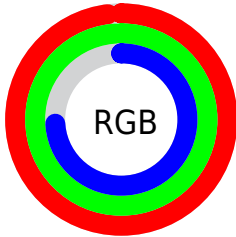
Format	Color
R _Y B	189, 252, 192
Decimal	16383165
CIE Lab	97.40, -10.76, 29.94
CIE LCh	97, 31.817, 109.772
Yxy	93.4347, 0.3486, 0.3921
Android (android.graphics.Color)	4294573245 (0xFFF9FCBD)
YUV	243.9210, -27.0761, 4.4543
Hunter-Lab	96.6616, -15.7587, 29.7630

Details

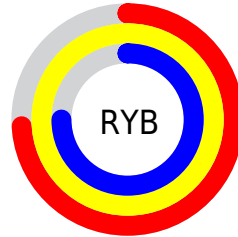
The Yxy color **93.4347, 0.3486, 0.3921** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.6159, 0.2715, 0.2580**, and the grayscale version is **90.6148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **51.9860, 0.3560, 0.4056** is the 20% darker color. If you saturate the color by 10%, you get **92.2205, 0.3627, 0.4174**, and if you desaturate by 10%, it is **94.8487, 0.3341, 0.3665**.

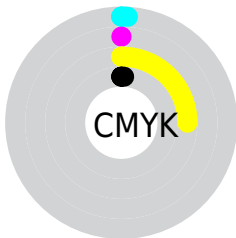
Distribution



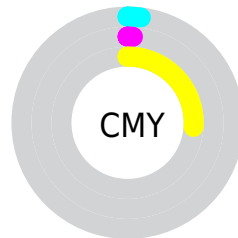
- Red (98%)
- Green (99%)
- Blue (74%)



- Red (74%)
- Yellow (99%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.4347, 0.3486, 0.3921 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 93.4347, 0.3486, 0.3921 by changing the saturation by 10% instead.


 93.4347, 0.3486,
0.3921

 93.4347, 0.3486,
0.3921


539.1416, 0.3332,
0.3638

 70.8329, 0.3518,
0.3983


 152.1003, 0.3435,
0.3825

 52.2058, 0.3557,
0.4059

188.9329, 0.3414,
0.3787

 37.1692, 0.3603,
0.4153


231.2778, 0.3396,
0.3754

 25.3385, 0.3659,
0.4271

279.5194, 0.3380,
0.3725

 16.3294, 0.3729,
0.4426

334.0423, 0.3366,
0.3699

 9.7576, 0.3815,
0.4634

395.2306, 0.3353,

 5.2385, 0.3918,

0.3676

0.4924

463.4690, 0.3342,
0.3656

■ 2.3879, 0.4290,
0.5699

■ 0.8196, 0.3865,
0.6135

■ 93.4347, 0.3486,
0.3921

■ 93.4347, 0.3486,
0.3921

■ 92.2205, 0.3627,
0.4174

■ 94.8487, 0.3341,
0.3665

■ 91.1838, 0.3759,
0.4413

■ 96.4592, 0.3197,
0.3413

■ 90.3181, 0.3876,
0.4629

■ 97.6462, 0.3113,
0.3261

■ 89.6115, 0.3972,
0.4811

■ 97.8692, 0.3121,
0.3261

■ 89.0506, 0.4043,
0.4952

■ 98.0936, 0.3128,
0.3261

■ 88.6198, 0.4088,
0.5049

■ 98.1001, 0.3128,
0.3261

■ 88.3000, 0.4107,
0.5103

■ 88.1680, 0.4110,
0.5119

Harmonies

Analogous

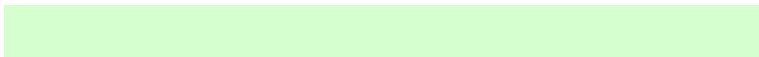
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4347, 0.3742, 0.3804



93.4347, 0.3486, 0.3921



93.4347, 0.3142, 0.3852

Triad

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



93.4347, 0.3486, 0.3921



93.4347, 0.2470, 0.2956



93.4347, 0.3438, 0.3002

Complementary

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



93.4347, 0.3486, 0.3921



54.6159, 0.2715, 0.2580

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.



93.4347, 0.3080, 0.2802



93.4347, 0.3486, 0.3921



93.4347, 0.2537, 0.2764

Square

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



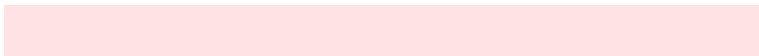
93.4347, 0.3486, 0.3921



93.4347, 0.2565, 0.3263



93.4347, 0.2754, 0.2714



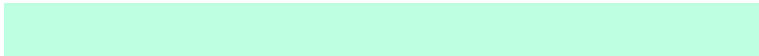
93.4347, 0.3719, 0.3274

Rectangle

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



93.4347, 0.3486, 0.3921



93.4347, 0.2912, 0.3701



93.4347, 0.2754, 0.2714



93.4347, 0.3321, 0.2925

Sweetspot

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



93.4389, 0.3486, 0.3921



98.5733, 0.3240, 0.3487



61.6665, 0.3653, 0.3314



21.0446, 0.3262, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

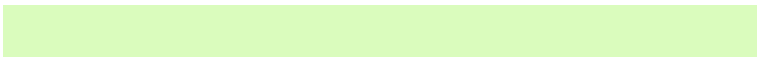
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4389, 0.3486, 0.3921



95.3375, 0.3558, 0.4049



88.2591, 0.3280, 0.3965



20.1467, 0.3262, 0.3525



45.9470, 0.4111, 0.5118



4.2680, 0.4122, 0.5109

Inverse Universe

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



54.6159, 0.2715, 0.2580



49.2178, 0.2618, 0.2414



59.0390, 0.2935, 0.2623



16.6820, 0.2986, 0.3045



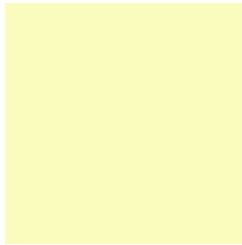
3.7185, 0.1514, 0.0608



0.3577, 0.1549, 0.0627

Previews

White Background



This preview shows how the Yxy color 93.4347, 0.3486, 0.3921 looks on a white background.

Color Contrast Check

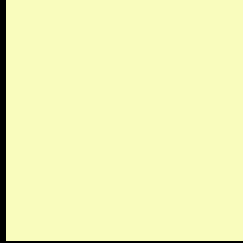
Large Text (above 18pt) WCAG AA × Fail

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 93.4347, 0.3486, 0.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

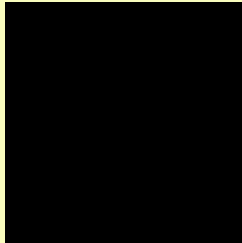
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.4347, 0.3486, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 93.4347, 0.3486, 0.3921.

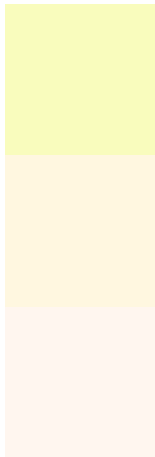


This preview shows how white text looks on a background with the Yxy color 93.4347, 0.3486, 0.3921.

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

93.4347, 0.3486, 0.3921

Protanopia

93.1633, 0.3319, 0.3516

Deuteranopia

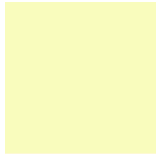
93.4035, 0.3228, 0.3358



Tritanopia

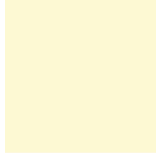
93.4075, 0.3119, 0.3194

Trichromacy



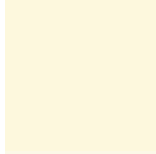
Original Color

93.4347, 0.3486, 0.3921



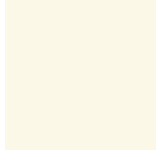
Protanomaly

93.3372, 0.3384, 0.3666



Deuteranomaly

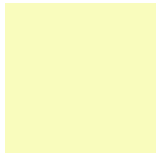
93.2379, 0.3323, 0.3556



Tritanomaly

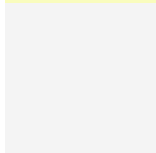
93.5998, 0.3255, 0.3457

Monochromacy



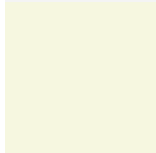
Original Color

93.4347, 0.3486, 0.3921



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.4962, 0.3259, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4347, 0.3486, 0.3921 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, 252, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 252, 189)  
}
```

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, 252, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 252, 189) }
```

Border

The CSS property to change the border of an element to Yxy 93.4347, 0.3486, 0.3921 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, 252, 189) }
```

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

```
.border{ border-color:rgb(249, 252, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 252, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 252, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 252, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 252,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4347, 0.3486, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 252, 189) }
```

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

```
.background{ background-color: rgb(249,  
252, 189) }
```

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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