

Converting Colors

Yxy(94.8456, 0.3506, 0.4010)

Have a look what the booklet for
Yxy(94.8456, 0.3506, 0.4010)
contains.

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Color

Yxy(94.8954, 0.3508, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFB7
RGB	248, 255, 183
RGB Percent	97%, 100%, 72%
CMY	0.0275, 0.0000, 0.2824
CMYK	0.03, 0.00, 0.28, 0.00
HSL	66°, 100%, 86%
HSV	66°, 28%, 100%
XYZ	83.0157, 94.8954, 58.7358
YIQ	244.6990, 18.9400, -23.8760

Conversions

Conversions Part 2

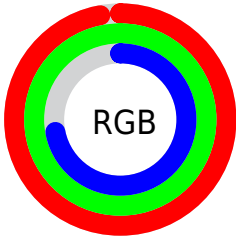
Format	Color
RYB	183, 255, 190
Decimal	16318391
CIELab	97.99, -13.40, 33.73
CIElCh	98, 36.293, 111.666
Yxy	94.8954, 0.3508, 0.4010
Android (android.graphics.Color)	4294508471 (0xFFFF8FFB7)
YUV	244.6990, -30.4176, 2.8950
Hunter-Lab	97.4143, -18.3586, 32.4412

Details

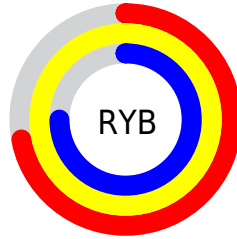
The Yxy color **94.8954, 0.3508, 0.4010** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.0312, 0.2678, 0.2478**, and the grayscale version is **91.2903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **53.0495, 0.3586, 0.4167** is the 20% darker color. If you saturate the color by 10%, you get **93.4756, 0.3638, 0.4265**, and if you desaturate by 10%, it is **96.5100, 0.3373, 0.3750**.

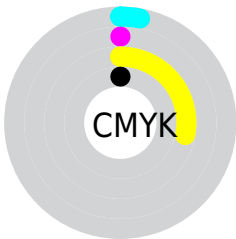
Distribution



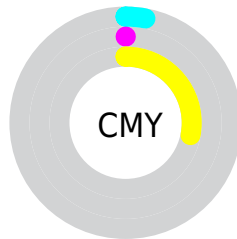
- Red (97%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.8954, 0.3508, 0.4010 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 94.8954, 0.3508, 0.4010 by changing the saturation by 10% instead.


 94.8954, 0.3508,
0.4010

 94.8954, 0.3508,
0.4010

543.8301, 0.3346,
0.3687

 72.0479, 0.3541,
0.4081


 154.1201, 0.3455,
0.3900

 53.1978, 0.3580,
0.4167


191.2661, 0.3433,
0.3857

 37.9607, 0.3627,
0.4273


233.9470, 0.3415,
0.3819

 25.9522, 0.3683,
0.4407

282.5474, 0.3398,
0.3786

 16.7879, 0.3750,
0.4581

337.4514, 0.3383,
0.3757

 10.0834, 0.3829,
0.4813

399.0436, 0.3369,

 5.4543, 0.3914,

0.3731

0.5130

467.7084, 0.3357,
0.3708

■ 2.5162, 0.4162,
0.5838

■ 0.8847, 0.3674,
0.6326

■ 94.8954, 0.3508,
0.4010

■ 94.8954, 0.3508,
0.4010

■ 93.4756, 0.3638,
0.4265

■ 96.5100, 0.3373,
0.3750

■ 92.2456, 0.3756,
0.4506

■ 98.3344, 0.3237,
0.3494

■ 91.1921, 0.3858,
0.4721

100.0000, 0.3127,
0.3290

■ 90.3025, 0.3937,
0.4902

■ 89.5623, 0.3991,
0.5040

■ 88.9546, 0.4018,
0.5133

■ 88.4557, 0.4021,
0.5183

■ 88.3733, 0.4020,
0.5190

Harmonies

Analogous

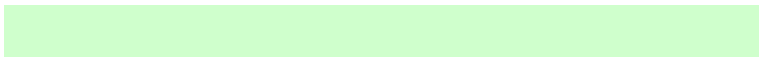
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8954, 0.3810, 0.3882



94.8954, 0.3508, 0.4010



94.8954, 0.3116, 0.3921

Triad

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



94.8954, 0.3508, 0.4010



94.8954, 0.2387, 0.2891



94.8954, 0.3503, 0.2982

Complementary

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



94.8954, 0.3508, 0.4010



52.0312, 0.2678, 0.2478

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.



94.8954, 0.3098, 0.2753



94.8954, 0.3508, 0.4010



94.8954, 0.2473, 0.2687

Square

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



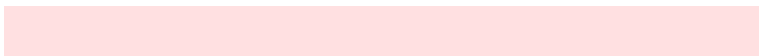
94.8954, 0.3508, 0.4010



94.8954, 0.2481, 0.3231



94.8954, 0.2725, 0.2644



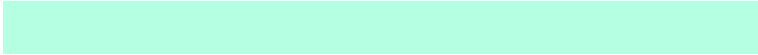
94.8954, 0.3814, 0.3288

Rectangle

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



94.8954, 0.3508, 0.4010



94.8954, 0.2858, 0.3740



94.8954, 0.2725, 0.2644



94.8954, 0.3372, 0.2895

Sweetspot

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



94.8936, 0.3508, 0.4010



98.3805, 0.3234, 0.3488



61.0710, 0.3734, 0.3355



20.9956, 0.3254, 0.3526



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

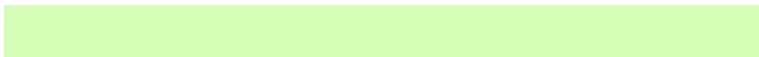
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8936, 0.3508, 0.4010



94.0530, 0.3584, 0.4158



89.0841, 0.3275, 0.4067



20.9956, 0.3254, 0.3526



46.2137, 0.4023, 0.5188



4.5246, 0.4044, 0.5171

Inverse Universe

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



52.0312, 0.2678, 0.2478



44.6525, 0.2568, 0.2285



57.0911, 0.2931, 0.2534



17.4623, 0.2994, 0.3045



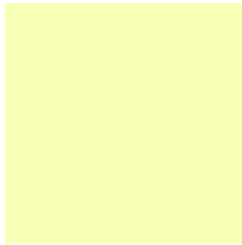
3.9072, 0.1532, 0.0617



0.4074, 0.1595, 0.0653

Previews

White Background



This preview shows how the Yxy color 94.8954, 0.3508, 0.4010 looks on a white background.

Color Contrast Check

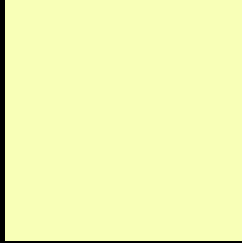
Large Text (above 18pt) WCAG AA × Fail

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 94.8954, 0.3508, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

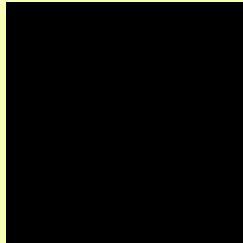
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.8954, 0.3508, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 94.8954, 0.3508, 0.4010.

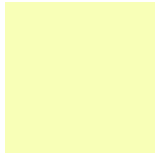


This preview shows how white text looks on a background with the Yxy color 94.8954, 0.3508, 0.4010.

Color Blindness Simulation

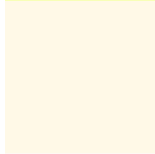
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



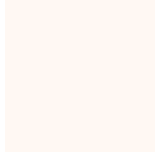
Original Color

94.8954, 0.3508, 0.4010



Protanopia

94.7809, 0.3274, 0.3466



Deuteranopia

94.8659, 0.3202, 0.3338

Tritanopia

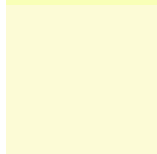
94.6242, 0.3118, 0.3213

Trichromacy



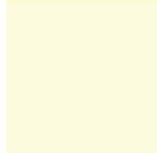
Original Color

94.8954, 0.3508, 0.4010



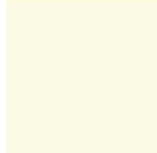
Protanomaly

94.5448, 0.3356, 0.3656



Deuteranomaly

94.9103, 0.3313, 0.3585



Tritanomaly

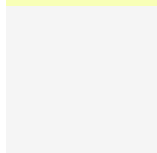
94.5376, 0.3259, 0.3496

Monochromacy



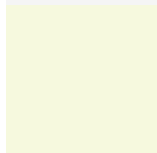
Original Color

94.8954, 0.3508, 0.4010



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.6181, 0.3269, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8954, 0.3508, 0.4010 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(248, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 183)  
}
```

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(248, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 183) }
```

Border

The CSS property to change the border of an element to Yxy 94.8954, 0.3508, 0.4010 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(248, 255, 183) }
```

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

```
.border{ border-color:rgb(248, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8954, 0.3508, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 183) }
```

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

```
.background{ background-color: rgb(248,  
255, 183) }
```

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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