

Converting Colors

$Yxy(94.1719, 0.3708, 0.4314)$

Have a look what the booklet for
Yxy(94.1719, 0.3708, 0.4314)
contains.

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Color

Yxy(94.0784, 0.3705, 0.4315)

Conversions

Conversions Part 1

Format	Color
Hex	FAFF97
RGB	250, 255, 151
RGB Percent	98%, 100%, 59%
CMY	0.0195, 0.0000, 0.4079
CMYK	0.02, 0.00, 0.41, 0.00
HSL	63°, 100%, 80%
HSV	63°, 41%, 100%
XYZ	80.7788, 94.0784, 43.1692
YIQ	241.6490, 30.4040, -33.4040

Conversions

Conversions Part 2

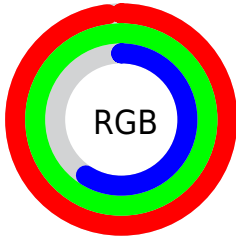
Format	Color
R_{YB}	151, 255, 156
Decimal	16449431
CIE _{Lab}	97.66, -16.32, 49.04
CIE _{LCh}	98, 51.688, 108.402
Yxy	94.0784, 0.3705, 0.4315
Android (android.graphics.Color)	4294639511 (0xFFFAFF97)
YUV	241.6490, -44.6900, 7.3238
Hunter-Lab	96.9940, -21.0807, 41.5076

Details

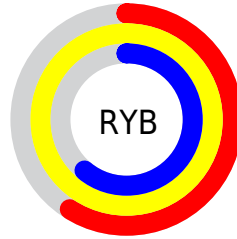
The Yxy color **94.0784, 0.3705, 0.4315** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.4078, 0.2397, 0.2039**, and the grayscale version is **88.8482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **52.4765, 0.3806, 0.4525** is the 20% darker color. If you saturate the color by 10%, you get **93.1180, 0.3829, 0.4542**, and if you desaturate by 10%, it is **95.2279, 0.3568, 0.4069**.

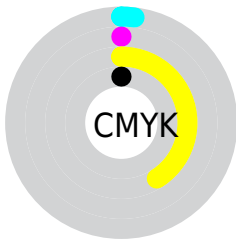
Distribution



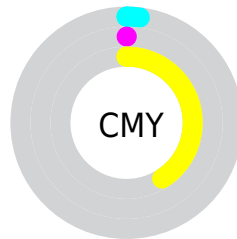
- Red (98%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (61%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0784, 0.3705, 0.4315 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 94.0784, 0.3705, 0.4315 by changing the saturation by 10% instead.

 94.0784, 0.3705,
0.4315


 94.0784, 0.3705,
0.4315


541.2104, 0.3467,
0.3858

 71.3682, 0.3751,
0.4413


 152.9908, 0.3629,
0.4161

 52.6427, 0.3805,
0.4530


 189.9617, 0.3597,
0.4100

 37.5176, 0.3865,
0.4672

232.4549, 0.3569,
0.4047

 25.6085, 0.3932,
0.4847

280.8550, 0.3544,
0.4000

 16.5310, 0.4004,
0.5063

335.5461, 0.3522,
0.3958

 9.9007, 0.4068,
0.5330

396.9128, 0.3501,

 5.3331, 0.4200,

0.3921

0.5800

465.3394, 0.3483,
0.3888

■ 2.4440, 0.3992,
0.6008

■ 0.8484, 0.3248,
0.6752

■ 94.0784, 0.3705,
0.4315

■ 94.0784, 0.3705,
0.4315

■ 93.1180, 0.3829,
0.4542

■ 95.2279, 0.3568,
0.4069

■ 92.3223, 0.3934,
0.4740

■ 96.5644, 0.3425,
0.3813

■ 91.6825, 0.4016,
0.4899

■ 98.1019, 0.3280,
0.3558

■ 91.1836, 0.4072,
0.5015

■ 99.8496, 0.3138,
0.3309

■ 90.8077, 0.4101,
0.5087

99.9980, 0.3127,
0.3290

■ 90.5443, 0.4109,
0.5120

Harmonies

Analogous

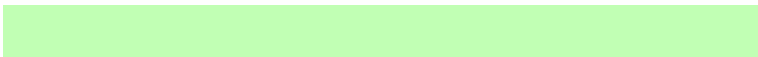
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0784, 0.4121, 0.4071



94.0784, 0.3705, 0.4315



94.0784, 0.3155, 0.4248

Triad

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



94.0784, 0.3705, 0.4315



94.0784, 0.2104, 0.2753



94.0784, 0.3598, 0.2818

Complementary

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



94.0784, 0.3705, 0.4315



36.4078, 0.2397, 0.2039

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.



94.0784, 0.3014, 0.2525



94.0784, 0.3705, 0.4315



94.0784, 0.2195, 0.2463

Square

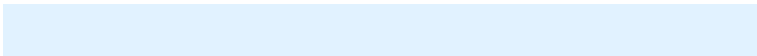
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0784, 0.3705, 0.4315



94.0784, 0.2251, 0.3250



94.0784, 0.2511, 0.2394



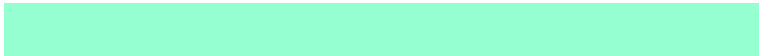
94.0784, 0.4076, 0.3221

Rectangle

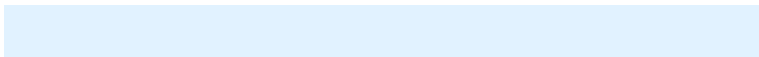
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0784, 0.3705, 0.4315



94.0784, 0.2791, 0.4002



94.0784, 0.2511, 0.2394



94.0784, 0.3405, 0.2705

Sweetspot

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



94.0827, 0.3705, 0.4315



97.9079, 0.3298, 0.3588



46.7517, 0.4163, 0.3330



20.9115, 0.3317, 0.3622



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

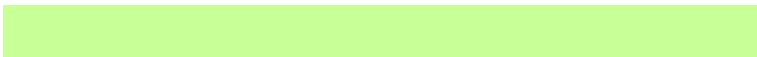
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0827, 0.3705, 0.4315



93.2807, 0.3808, 0.4503



85.9651, 0.3362, 0.4444



21.0440, 0.3262, 0.3525



47.3319, 0.4110, 0.5118



4.6216, 0.4120, 0.5111

Inverse Universe

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



36.4078, 0.2397, 0.2039



28.4334, 0.2223, 0.1746



42.5332, 0.2774, 0.2157



17.4190, 0.2986, 0.3045



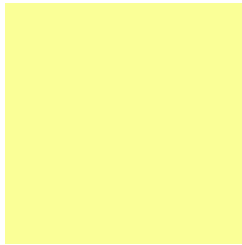
3.8314, 0.1514, 0.0608



0.3869, 0.1547, 0.0626

Previews

White Background



This preview shows how the Yxy color 94.0784, 0.3705, 0.4315 looks on a white background.

Color Contrast Check

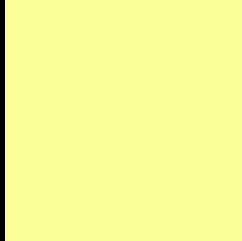
Large Text (above 18pt) WCAG AA × Fail

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 94.0784, 0.3705, 0.4315 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 94.0784, 0.3705, 0.4315

Background



This preview shows how black text looks on a background with the Yxy color 94.0784, 0.3705, 0.4315.

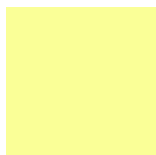


This preview shows how white text looks on a background with the Yxy color 94.0784, 0.3705, 0.4315.

Color Blindness Simulation

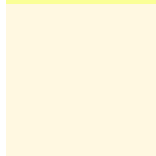
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



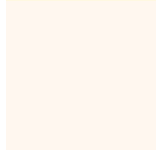
Original Color

94.0784, 0.3705, 0.4315



Protanopia

93.8310, 0.3312, 0.3515



Deuteranopia

94.0135, 0.3227, 0.3368



Tritanopia

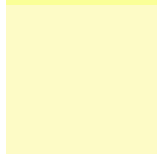
93.7206, 0.3138, 0.3204

Trichromacy



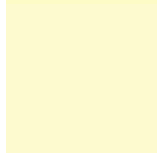
Original Color

94.0784, 0.3705, 0.4315



Protanomaly

93.9542, 0.3460, 0.3816



Deuteranomaly

93.7589, 0.3407, 0.3716



Tritanomaly

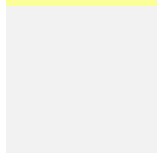
93.6438, 0.3347, 0.3606

Monochromacy



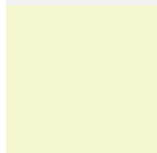
Original Color

94.0784, 0.3705, 0.4315



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.5375, 0.3345, 0.3674

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0784, 0.3705, 0.4315 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(250, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 151)  
}
```

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(250, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 151) }
```

Border

The CSS property to change the border of an element to Yxy 94.0784, 0.3705, 0.4315 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(250, 255, 151) }
```

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

```
.border{ border-color:rgb(250, 255, 151) }
```

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

Here you see how a box with a 4 pixel rgb(250, 255, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 151);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0784, 0.3705, 0.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 151) }
```

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

```
.background{ background-color: rgb(250,  
255, 151) }
```

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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