

Converting Colors

$Y_{xy}(100.0000, 0.3470, 0.4117)$

Have a look what the booklet for
Yxy(100.0000, 0.3470, 0.4117)
contains.

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Color

Yxy(94.0893, 0.3493, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFB5
RGB	244, 255, 181
RGB Percent	96%, 100%, 71%
CMY	0.0431, 0.0000, 0.2903
CMYK	0.04, 0.00, 0.29, 0.00
HSL	69°, 100%, 85%
HSV	69°, 29%, 100%
XYZ	81.4104, 94.0893, 57.5676
YIQ	243.2750, 17.1980, -25.3460

Conversions

Conversions Part 2

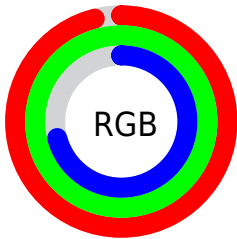
Format	Color
RYB	181, 255, 192
Decimal	16056245
CIELab	97.67, -15.10, 34.26
CIElCh	98, 37.439, 113.793
Yxy	94.0893, 0.3493, 0.4037
Android (android.graphics.Color)	4294246325 (0xFFFF4FFB5)
YUV	243.2750, -30.7016, 0.6358
Hunter-Lab	96.9996, -19.9368, 32.7121

Details

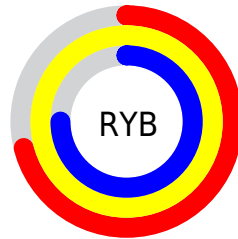
The Yxy color **94.0893, 0.3493, 0.4037** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.4545, 0.2689, 0.2458**, and the grayscale version is **90.0979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **52.4853, 0.3565, 0.4203** is the 20% darker color. If you saturate the color by 10%, you get **92.4688, 0.3613, 0.4298**, and if you desaturate by 10%, it is **95.9191, 0.3367, 0.3773**.

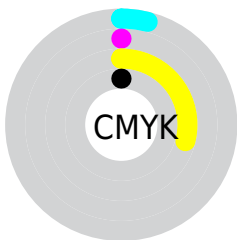
Distribution



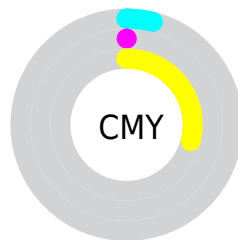
- Red (96%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0893, 0.3493, 0.4037 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 94.0893, 0.3493, 0.4037 by changing the saturation by 10% instead.


 94.0893, 0.3493,
0.4037

 94.0893, 0.3493,
0.4037


541.2453, 0.3339,
0.3700

 71.3772, 0.3525,
0.4111


 153.0058, 0.3442,
0.3922

 52.6501, 0.3562,
0.4201

189.9791, 0.3422,
0.3877

 37.5235, 0.3605,
0.4313


232.4749, 0.3404,
0.3838

 25.6131, 0.3657,
0.4454

280.8776, 0.3388,
0.3803

 16.5344, 0.3719,
0.4637

335.5716, 0.3373,
0.3773

 9.9031, 0.3790,
0.4882

396.9413, 0.3361,

 5.3348, 0.3860,

0.3746

0.5220

465.3711, 0.3349,
0.3722

■ 2.4450, 0.4060,
0.5940

■ 0.8489, 0.3404,
0.6596

■ 94.0893, 0.3493,
0.4037

■ 94.0893, 0.3493,
0.4037

■ 92.4688, 0.3613,
0.4298

■ 95.9191, 0.3367,
0.3773

■ 91.0413, 0.3720,
0.4545

■ 97.9621, 0.3240,
0.3514


■ 89.7972, 0.3811,
0.4768


100.0000, 0.3127,
0.3290

■ 88.7236, 0.3879,
0.4956

 87.8058, 0.3922,
0.5101

 87.0265, 0.3937,
0.5201

 86.3599, 0.3930,
0.5258

 86.2983, 0.3929,
0.5263

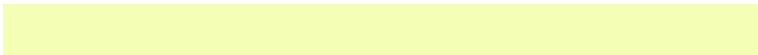
Harmonies

Analogous

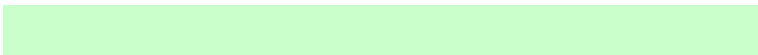
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0893, 0.3816, 0.3917



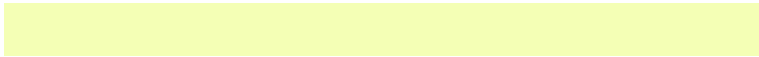
94.0893, 0.3493, 0.4037



94.0893, 0.3085, 0.3928

Triad

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



94.0893, 0.3493, 0.4037



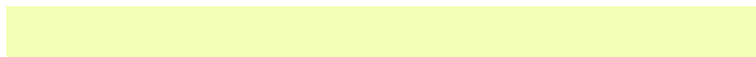
94.0893, 0.2363, 0.2856



94.0893, 0.3543, 0.2993

Complementary

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



94.0893, 0.3493, 0.4037



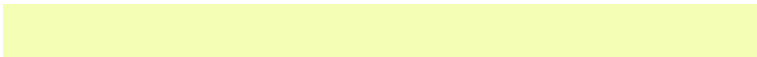
51.4545, 0.2689, 0.2458

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.



94.0893, 0.3126, 0.2749



94.0893, 0.3493, 0.4037



94.0893, 0.2465, 0.2658

Square

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



94.0893, 0.3493, 0.4037



94.0893, 0.2447, 0.3200



94.0893, 0.2735, 0.2627



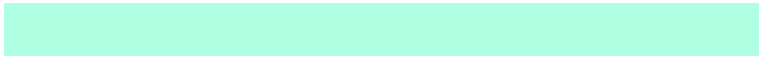
94.0893, 0.3855, 0.3311

Rectangle

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



94.0893, 0.3493, 0.4037



94.0893, 0.2822, 0.3731



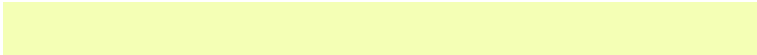
94.0893, 0.2735, 0.2627



94.0893, 0.3409, 0.2900

Sweetspot

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



94.0912, 0.3493, 0.4037



97.9691, 0.3240, 0.3514



61.7861, 0.3746, 0.3395



20.9028, 0.3258, 0.3551



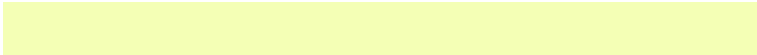
0.0000, 0.0000, 0.0000



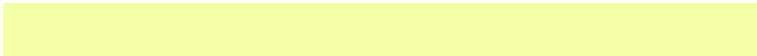
21.4041, 0.3127, 0.3290

Same Dimension

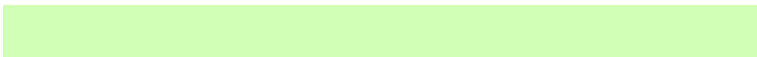
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0912, 0.3493, 0.4037



93.0989, 0.3565, 0.4193



88.2811, 0.3255, 0.4097



20.9462, 0.3246, 0.3526



45.1446, 0.3933, 0.5259



4.4311, 0.3965, 0.5234

Inverse Universe

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



51.4545, 0.2689, 0.2458



43.9841, 0.2580, 0.2259



56.7249, 0.2952, 0.2518



17.5070, 0.3002, 0.3046



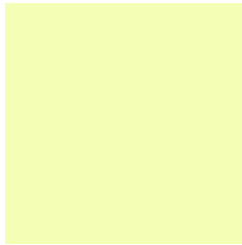
4.0247, 0.1559, 0.0632



0.4283, 0.1644, 0.0679

Previews

White Background



This preview shows how the Yxy color 94.0893, 0.3493, 0.4037 looks on a white background.

Color Contrast Check

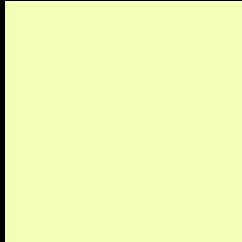
Large Text (above 18pt) WCAG AA × Fail

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 94.0893, 0.3493, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

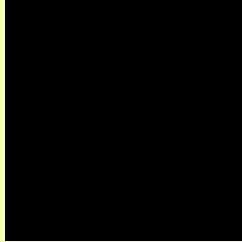
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0893, 0.3493, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 94.0893, 0.3493, 0.4037.

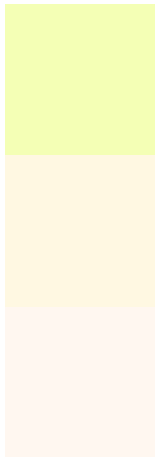


This preview shows how white text looks on a background with the Yxy color 94.0893, 0.3493, 0.4037.

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

94.0893, 0.3493, 0.4037

Protanopia

93.8858, 0.3306, 0.3505

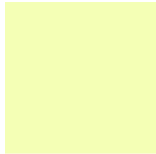
Deuteranopia

94.0728, 0.3221, 0.3358

Tritanopia

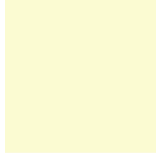
93.6408, 0.3106, 0.3203

Trichromacy



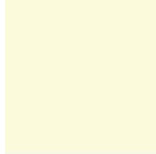
Original Color

94.0893, 0.3493, 0.4037



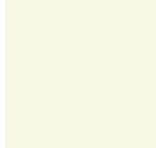
Protanomaly

94.1567, 0.3373, 0.3697



Deuteranomaly

93.9949, 0.3320, 0.3597



Tritanomaly

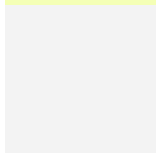
93.3093, 0.3246, 0.3498

Monochromacy



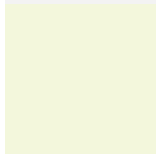
Original Color

94.0893, 0.3493, 0.4037



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.7435, 0.3264, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0893, 0.3493, 0.4037 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(244, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 181)  
}
```

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(244, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 94.0893, 0.3493, 0.4037 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(244, 255, 181) }
```

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

```
.border{ border-color:rgb(244, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0893, 0.3493, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 181) }
```

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

```
.background{ background-color: rgb(244,  
255, 181) }
```

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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