

Converting Colors

Yxy(94.4630, 0.3487, 0.4008)

Have a look what the booklet for
Yxy(94.4630, 0.3487, 0.4008)
contains.

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Color

Yxy(94.3932, 0.3482, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFB8
RGB	245, 255, 184
RGB Percent	96%, 100%, 72%
CMY	0.0392, 0.0000, 0.2785
CMYK	0.04, 0.00, 0.28, 0.00
HSL	68°, 100%, 86%
HSV	68°, 28%, 100%
XYZ	82.0667, 94.3932, 59.2285
YIQ	243.9160, 16.8310, -24.2010

Conversions

Conversions Part 2

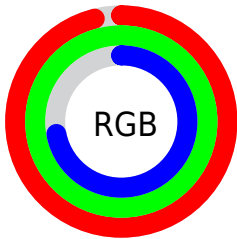
Format	Color
RYB	184, 255, 194
Decimal	16121784
CIELab	97.79, -14.36, 32.93
CIElCh	98, 35.922, 113.561
Yxy	94.3932, 0.3482, 0.4005
Android (android.graphics.Color)	4294311864 (0xFF5FFB8)
YUV	243.9160, -29.5386, 0.9507
Hunter-Lab	97.1562, -19.2464, 31.8649

Details

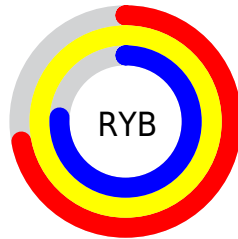
The Yxy color **94.3932, 0.3482, 0.4005** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.9580, 0.2706, 0.2496**, and the grayscale version is **90.6249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **52.6912, 0.3552, 0.4163** is the 20% darker color. If you saturate the color by 10%, you get **92.7789, 0.3604, 0.4266**, and if you desaturate by 10%, it is **96.2121, 0.3354, 0.3742**.

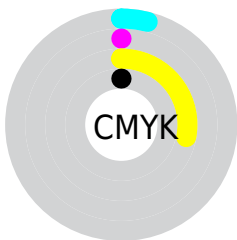
Distribution



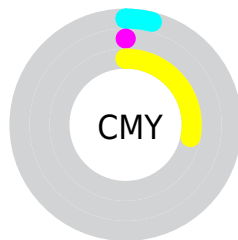
- Red (96%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3932, 0.3482, 0.4005 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 94.3932, 0.3482, 0.4005 by changing the saturation by 10% instead.

 94.3932, 0.3482,
0.4005

 94.3932, 0.3482,
0.4005


542.2205, 0.3332,
0.3683

 71.6300, 0.3513,
0.4076

 153.4260, 0.3433,
0.3895

 52.8565, 0.3549,
0.4162


190.4645, 0.3413,
0.3852

 37.6882, 0.3592,
0.4269


233.0301, 0.3395,
0.3815

 25.7408, 0.3644,
0.4404

281.5074, 0.3380,
0.3782

 16.6298, 0.3706,
0.4579

336.2807, 0.3366,
0.3753

 9.9709, 0.3778,
0.4815

397.7344, 0.3353,

 5.3797, 0.3854,

0.3727

0.5142

466.2529, 0.3342,
0.3704

■ 2.4717, 0.4104,
0.5896

■ 0.8624, 0.3523,
0.6477

■ 94.3932, 0.3482,
0.4005

■ 94.3932, 0.3482,
0.4005

■ 92.7789, 0.3604,
0.4266

■ 96.2121, 0.3354,
0.3742

■ 91.3597, 0.3715,
0.4514

■ 98.2463, 0.3226,
0.3484

■ 90.1240, 0.3809,
0.4739

100.0000, 0.3127,
0.3290

■ 89.0590, 0.3882,
0.4930

■ 88.1505, 0.3929,
0.5079

■ 87.3813, 0.3949,
0.5182

■ 86.7288, 0.3945,
0.5242

■ 86.5968, 0.3942,
0.5252

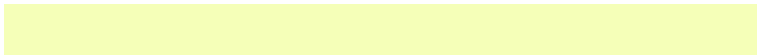
Harmonies

Analogous

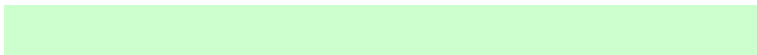
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3932, 0.3790, 0.3891



94.3932, 0.3482, 0.4005



94.3932, 0.3091, 0.3902

Triad

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



94.3932, 0.3482, 0.4005



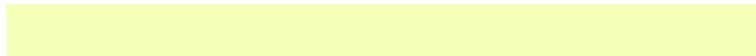
94.3932, 0.2393, 0.2877



94.3932, 0.3523, 0.3002

Complementary

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



94.3932, 0.3482, 0.4005



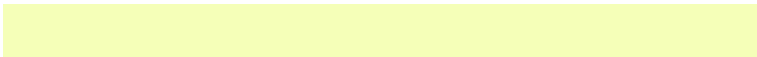
52.9580, 0.2706, 0.2496

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.



94.3932, 0.3124, 0.2768



94.3932, 0.3482, 0.4005



94.3932, 0.2489, 0.2685

Square

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



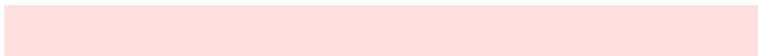
94.3932, 0.3482, 0.4005



94.3932, 0.2475, 0.3208



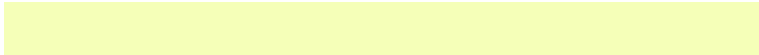
94.3932, 0.2749, 0.2652



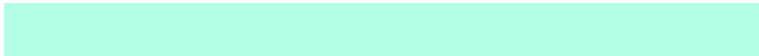
94.3932, 0.3822, 0.3309

Rectangle

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



94.3932, 0.3482, 0.4005



94.3932, 0.2838, 0.3715



94.3932, 0.2749, 0.2652



94.3932, 0.3395, 0.2914

Sweetspot

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



94.3929, 0.3482, 0.4005



98.2145, 0.3228, 0.3488



63.0580, 0.3713, 0.3391



20.9535, 0.3247, 0.3526



0.0000, 0.0000, 0.0000



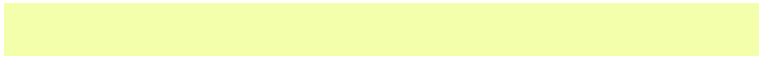
21.4041, 0.3127, 0.3290

Same Dimension

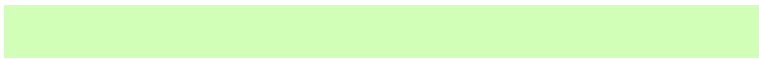
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3929, 0.3482, 0.4005



93.5369, 0.3546, 0.4140



88.6843, 0.3251, 0.4061



20.9535, 0.3247, 0.3526



45.2985, 0.3947, 0.5248



4.4446, 0.3976, 0.5225

Inverse Universe

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



52.9580, 0.2706, 0.2496



46.3190, 0.2613, 0.2326



58.1432, 0.2961, 0.2551



17.5003, 0.3000, 0.3046



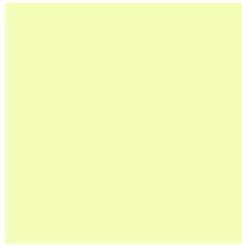
4.0045, 0.1554, 0.0630



0.4252, 0.1637, 0.0675

Previews

White Background



This preview shows how the Yxy color 94.3932, 0.3482, 0.4005 looks on a white background.

Color Contrast Check

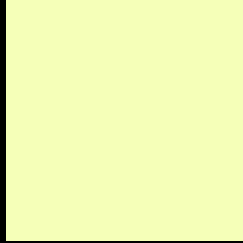
Large Text (above 18pt) WCAG AA × Fail

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 94.3932, 0.3482, 0.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

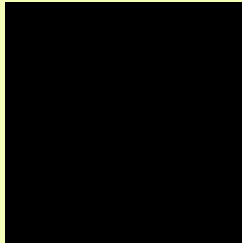
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3932, 0.3482, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 94.3932, 0.3482, 0.4005.

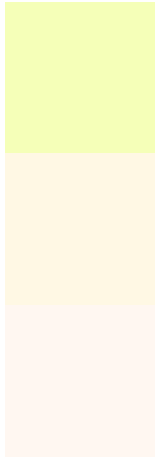


This preview shows how white text looks on a background with the Yxy color 94.3932, 0.3482, 0.4005.

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

94.3932, 0.3482, 0.4005

Protanopia

93.9962, 0.3293, 0.3486

Deuteranopia

94.1324, 0.3215, 0.3348

Tritanopia

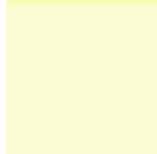
94.2508, 0.3105, 0.3213

Trichromacy



Original Color

94.3932, 0.3482, 0.4005



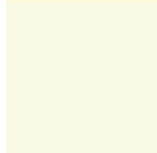
Protanomaly

94.2571, 0.3361, 0.3677



Deuteranomaly

94.0478, 0.3314, 0.3587



Tritanomaly

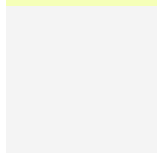
94.1681, 0.3246, 0.3497

Monochromacy



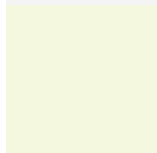
Original Color

94.3932, 0.3482, 0.4005



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6418, 0.3257, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3932, 0.3482, 0.4005 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(245, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 184)  
}
```

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(245, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 184) }
```

Border

The CSS property to change the border of an element to Yxy 94.3932, 0.3482, 0.4005 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(245, 255, 184) }
```

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

```
.border{ border-color:rgb(245, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3932, 0.3482, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 184) }
```

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

```
.background{ background-color: rgb(245,  
255, 184) }
```

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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