

Converting Colors

Yxy(94.0394, 0.3546, 0.4110)

Have a look what the booklet for
Yxy(94.0394, 0.3546, 0.4110)
contains.

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Color

Yxy(93.9496, 0.3546, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFAD
RGB	245, 255, 173
RGB Percent	96%, 100%, 68%
CMY	0.0392, 0.0000, 0.3216
CMYK	0.04, 0.00, 0.32, 0.00
HSL	67°, 100%, 84%
HSV	67°, 32%, 100%
XYZ	80.9588, 93.9496, 53.4017
YIQ	242.6620, 20.3620, -27.6220

Conversions

Conversions Part 2

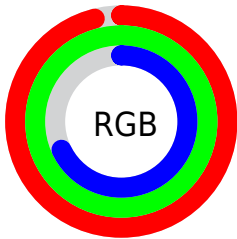
Format	Color
RYB	173, 255, 183
Decimal	16121773
CIELab	97.61, -15.74, 38.16
CIElCh	98, 41.279, 112.418
Yxy	93.9496, 0.3546, 0.4115
Android (android.graphics.Color)	4294311853 (0xFFFF5FFAD)
YUV	242.6620, -34.3434, 2.0504
Hunter-Lab	96.9276, -20.5312, 35.1838

Details

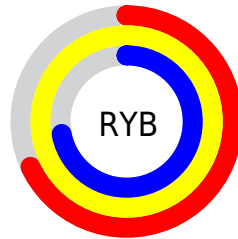
The Yxy color **93.9496, 0.3546, 0.4115** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.1752, 0.2618, 0.2351**, and the grayscale version is **89.6102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **52.4356, 0.3624, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **92.5001, 0.3667, 0.4369**, and if you desaturate by 10%, it is **95.5969, 0.3417, 0.3854**.

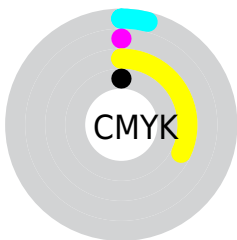
Distribution



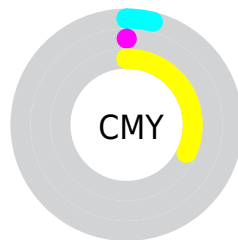
- Red (96%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9496, 0.3546, 0.4115 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 93.9496, 0.3546, 0.4115 by changing the saturation by 10% instead.


 93.9496, 0.3546,
0.4115

 93.9496, 0.3546,
0.4115


540.7967, 0.3370,
0.3744

 71.2610, 0.3582,
0.4196


 152.8126, 0.3489,
0.3989

 52.5552, 0.3623,
0.4295


189.7559, 0.3465,
0.3939

 37.4478, 0.3672,
0.4417


232.2195, 0.3445,
0.3896

 25.5544, 0.3728,
0.4570

280.5879, 0.3426,
0.3858

 16.4906, 0.3794,
0.4767

335.2454, 0.3410,
0.3824

 9.8720, 0.3866,
0.5026

396.5764, 0.3395,

 5.3142, 0.3941,

0.3794

0.5390

464.9654, 0.3382,
0.3768

■ 2.4327, 0.4023,
0.5977

■ 0.8427, 0.3309,
0.6691

■ 93.9496, 0.3546,
0.4115

■ 93.9496, 0.3546,
0.4115

■ 92.5001, 0.3667,
0.4369

■ 95.5969, 0.3417,
0.3854

■ 91.2376, 0.3775,
0.4605

■ 97.4519, 0.3285,
0.3594

■ 90.1502, 0.3864,
0.4813

■ 99.5239, 0.3155,
0.3343

■ 89.2246, 0.3929,
0.4983

100.0000, 0.3127,
0.3290

■ 88.4455, 0.3968,
0.5109

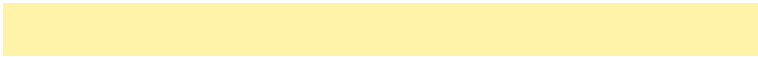
■ 87.7943, 0.3981,
0.5189

■ 87.3514, 0.3976,
0.5225

Harmonies

Analogous

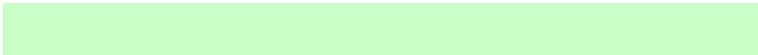
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9496, 0.3896, 0.3966



93.9496, 0.3546, 0.4115



93.9496, 0.3098, 0.4011

Triad

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



93.9496, 0.3546, 0.4115



93.9496, 0.2291, 0.2823



93.9496, 0.3565, 0.2949

Complementary

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



93.9496, 0.3546, 0.4115



47.1752, 0.2618, 0.2351

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.



93.9496, 0.3103, 0.2689



93.9496, 0.3546, 0.4115



93.9496, 0.2392, 0.2602

Square

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



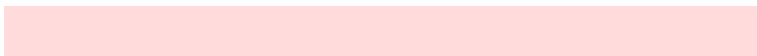
93.9496, 0.3546, 0.4115



93.9496, 0.2390, 0.3207



93.9496, 0.2678, 0.2563



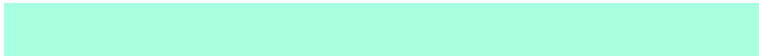
93.9496, 0.3919, 0.3292

Rectangle

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



93.9496, 0.3546, 0.4115



93.9496, 0.2808, 0.3798



93.9496, 0.2678, 0.2563



93.9496, 0.3416, 0.2850

Sweetspot

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



93.9496, 0.3546, 0.4115



97.8800, 0.3257, 0.3539



57.9662, 0.3841, 0.3393



20.8904, 0.3275, 0.3575



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

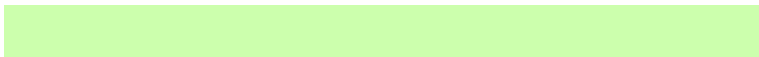
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9496, 0.3546, 0.4115



92.9369, 0.3630, 0.4290



87.4360, 0.3276, 0.4192



20.9717, 0.3250, 0.3526



45.6874, 0.3980, 0.5222



4.4787, 0.4006, 0.5202

Inverse Universe

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



47.1752, 0.2618, 0.2351



39.1358, 0.2486, 0.2118



52.8859, 0.2918, 0.2427



17.4838, 0.2998, 0.3045



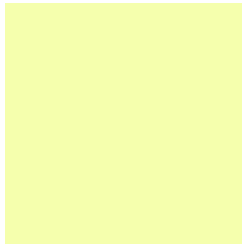
3.9586, 0.1544, 0.0624



0.4175, 0.1619, 0.0665

Previews

White Background



This preview shows how the Yxy color 93.9496, 0.3546, 0.4115 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 93.9496, 0.3546, 0.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

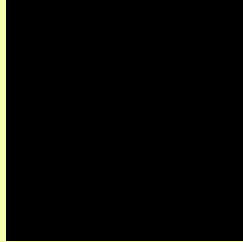
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.9496, 0.3546, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 93.9496, 0.3546, 0.4115.

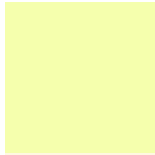


This preview shows how white text looks on a background with the Yxy color 93.9496, 0.3546, 0.4115.

Color Blindness Simulation

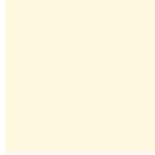
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



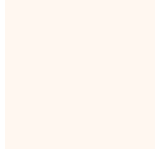
Original Color

93.9496, 0.3546, 0.4115



Protanopia

93.8310, 0.3312, 0.3515



Deuteranopia

94.0728, 0.3221, 0.3358

Tritanopia

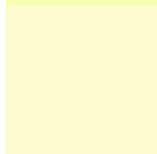
93.8270, 0.3112, 0.3203

Trichromacy



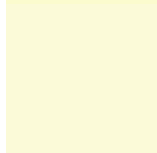
Original Color

93.9496, 0.3546, 0.4115



Protanomaly

93.9598, 0.3398, 0.3737



Deuteranomaly

93.8383, 0.3338, 0.3627



Tritanomaly

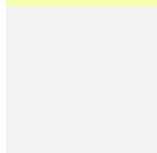
93.3273, 0.3271, 0.3528

Monochromacy



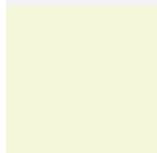
Original Color

93.9496, 0.3546, 0.4115



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.8166, 0.3283, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9496, 0.3546, 0.4115 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 173) }
```

Border

The CSS property to change the border of an element to Yxy 93.9496, 0.3546, 0.4115 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, 173) }
```

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

```
.border{ border-color:rgb(245, 255, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9496, 0.3546, 0.4115 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, 173) }
```

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

```
.background{ background-color: rgb(245,  
255, 173) }
```

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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