

Converting Colors

Yxy(93.2348, 0.3553, 0.4168)

Have a look what the booklet for
Yxy(93.2348, 0.3553, 0.4168)
contains.

Yxy(93.2244, 0.3554, 0.4171)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.2244, 0.3554, 0.4171)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFA8
RGB	242, 255, 168
RGB Percent	95%, 100%, 66%
CMY	0.0511, 0.0000, 0.3412
CMYK	0.05, 0.00, 0.34, 0.00
HSL	69°, 100%, 83%
HSV	69°, 34%, 100%
XYZ	79.4341, 93.2244, 50.8476
YIQ	241.1950, 20.1790, -29.8130

Conversions

Conversions Part 2

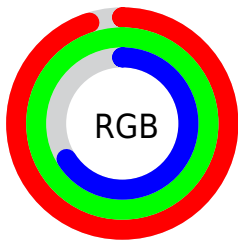
Format	Color
RYB	168, 255, 181
Decimal	15925160
CIELab	97.32, -17.47, 40.21
CIELCh	97, 43.842, 113.487
Yxy	93.2244, 0.3554, 0.4171
Android (android.graphics.Color)	4294115240 (0xFFFF2FFA8)
YUV	241.1950, -36.0851, 0.7060
Hunter-Lab	96.5528, -22.1152, 36.3630

Details

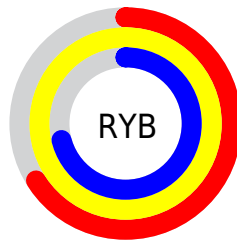
The Yxy color **93.2244, 0.3554, 0.4171** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.0498, 0.2598, 0.2289**, and the grayscale version is **88.3902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **51.9403, 0.3632, 0.4357** is the 20% darker color. If you saturate the color by 10%, you get **91.6883, 0.3668, 0.4426**, and if you desaturate by 10%, it is **94.9453, 0.3431, 0.3907**.

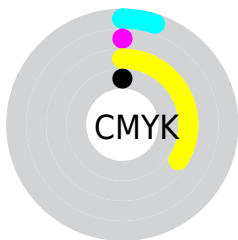
Distribution



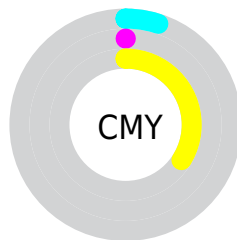
- Red (95%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2244, 0.3554, 0.4171 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 93.2244, 0.3554, 0.4171 by changing the saturation by 10% instead.

 93.2244, 0.3554,
0.4171


 93.2244, 0.3554,
0.4171


538.4648, 0.3376,
0.3773

 70.6580, 0.3589,
0.4258


 151.8092, 0.3496,
0.4036

 52.0632, 0.3631,
0.4364


 188.5965, 0.3473,
0.3982

 37.0554, 0.3678,
0.4495


230.8929, 0.3452,
0.3936

 25.2504, 0.3733,
0.4658

279.0827, 0.3433,
0.3895

 16.2637, 0.3795,
0.4869

333.5504, 0.3417,
0.3859

 9.7110, 0.3857,
0.5145

394.6804, 0.3402,

 5.2077, 0.3932,

0.3827

0.5554

462.8571, 0.3388,
0.3799

■ 2.3697, 0.3917,
0.6083

■ 0.8102, 0.2978,
0.7022

■ 93.2244, 0.3554,
0.4171

■ 93.2244, 0.3554,
0.4171

■ 91.6883, 0.3668,
0.4426

■ 94.9453, 0.3431,
0.3907

■ 90.3495, 0.3768,
0.4663

■ 96.8846, 0.3304,
0.3645

■ 89.1880, 0.3847,
0.4869

■ 99.0440, 0.3178,
0.3391

■ 88.1901, 0.3902,
0.5037

100.0000, 0.3127,
0.3290

■ 87.3400, 0.3931,
0.5160

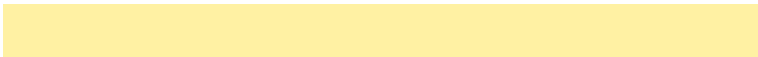
■ 86.6181, 0.3933,
0.5236

■ 86.2374, 0.3926,
0.5265

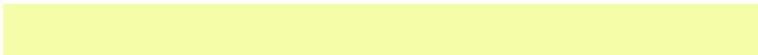
Harmonies

Analogous

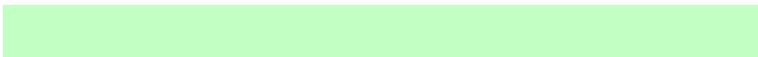
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2244, 0.3934, 0.4015



93.2244, 0.3554, 0.4171



93.2244, 0.3077, 0.4053

Triad

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



93.2244, 0.3554, 0.4171



93.2244, 0.2241, 0.2780



93.2244, 0.3610, 0.2939

Complementary

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



93.2244, 0.3554, 0.4171



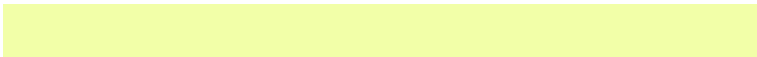
45.0498, 0.2598, 0.2289

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.



93.2244, 0.3118, 0.2662



93.2244, 0.3554, 0.4171



93.2244, 0.2355, 0.2555

Square

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



93.2244, 0.3554, 0.4171



93.2244, 0.2337, 0.3182



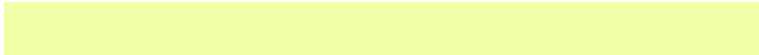
93.2244, 0.2664, 0.2522



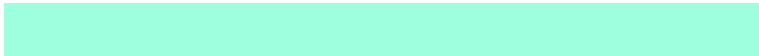
93.2244, 0.3981, 0.3303

Rectangle

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



93.2244, 0.3554, 0.4171



93.2244, 0.2770, 0.3818



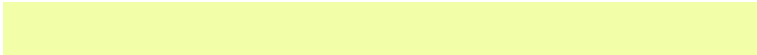
93.2244, 0.2664, 0.2522



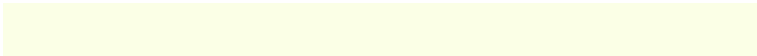
93.2244, 0.3451, 0.2834

Sweetspot

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



93.2165, 0.3554, 0.4171



97.7473, 0.3252, 0.3539



56.5650, 0.3896, 0.3414



20.8581, 0.3270, 0.3575



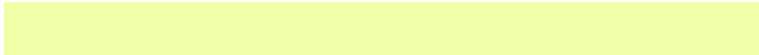
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

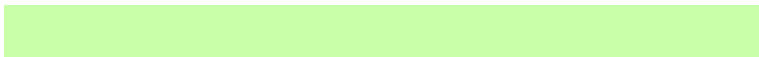
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2165, 0.3554, 0.4171



92.1444, 0.3634, 0.4348



86.6116, 0.3274, 0.4257



20.9447, 0.3246, 0.3526



45.1132, 0.3931, 0.5261



4.4283, 0.3962, 0.5236

Inverse Universe

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



45.0498, 0.2598, 0.2289



37.2968, 0.2467, 0.2055



50.9253, 0.2913, 0.2373



17.5084, 0.3002, 0.3046



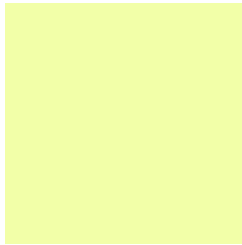
4.0290, 0.1560, 0.0633



0.4290, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 93.2244, 0.3554, 0.4171 looks on a white background.

Color Contrast Check

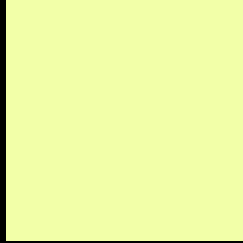
Large Text (above 18pt) WCAG AA × Fail

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 93.2244, 0.3554, 0.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

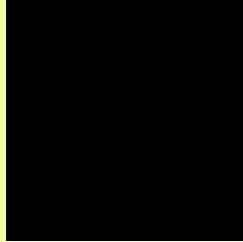
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2244, 0.3554, 0.4171

Background



This preview shows how black text looks on a background with the Yxy color 93.2244, 0.3554, 0.4171.

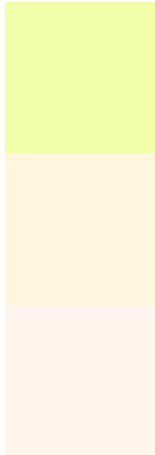


This preview shows how white text looks on a background with the Yxy color 93.2244, 0.3554, 0.4171.

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

93.2244, 0.3554, 0.4171

Protanopia

93.0020, 0.3338, 0.3546

Deuteranopia

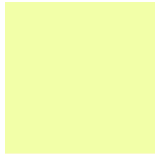
92.6792, 0.3241, 0.3368



Tritanopia

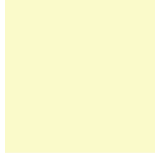
93.0340, 0.3106, 0.3194

Trichromacy



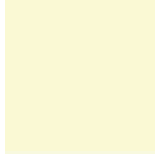
Original Color

93.2244, 0.3554, 0.4171



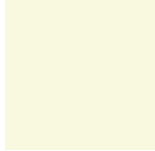
Protanomaly

92.9595, 0.3417, 0.3770



Deuteranomaly

92.8288, 0.3357, 0.3659



Tritanomaly

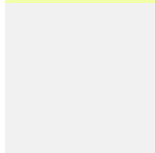
93.0355, 0.3277, 0.3548

Monochromacy



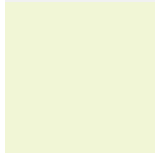
Original Color

93.2244, 0.3554, 0.4171



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4673, 0.3288, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2244, 0.3554, 0.4171 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(242, 255, 168)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 168)  
}
```

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(242, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 168) }
```

Border

The CSS property to change the border of an element to Yxy 93.2244, 0.3554, 0.4171 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(242, 255, 168) }
```

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

```
.border{ border-color:rgb(242, 255, 168) }
```

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

Here you see how a box with a 4 pixel rgb(242, 255, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 168);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2244, 0.3554, 0.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 168) }
```

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

```
.background{ background-color: rgb(242,  
255, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor