

Converting Colors

Yxy(91.4583, 0.3548, 0.4279)

Have a look what the booklet for
Yxy(91.4583, 0.3548, 0.4279)
contains.

Yxy(91.5156, 0.3550, 0.4278)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.5156, 0.3550, 0.4278)

Conversions

Conversions Part 1

Format	Color
Hex	E AFF 9 F
RGB	234, 255, 159
RGB Percent	92%, 100%, 62%
CMY	0.0825, 0.0000, 0.3764
CMYK	0.08, 0.00, 0.38, 0.00
HSL	73°, 100%, 81%
HSV	73°, 38%, 100%
XYZ	75.9421, 91.5156, 46.4637
YIQ	237.7770, 18.3000, -34.3080

Conversions

Conversions Part 2

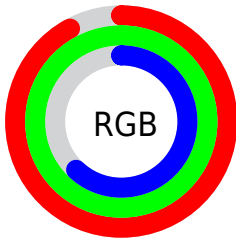
Format	Color
RYB	159, 255, 180
Decimal	15400863
CIELab	96.62, -21.47, 43.60
CIElCh	97, 48.604, 116.221
Yxy	91.5156, 0.3550, 0.4278
Android (android.graphics.Color)	4293590943 (0xFFEAF9F)
YUV	237.7770, -38.8371, -3.3124
Hunter-Lab	95.6638, -25.7105, 38.1676

Details

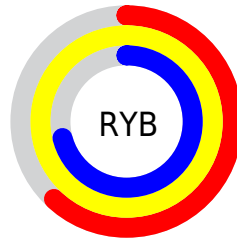
The Yxy color **91.5156, 0.3550, 0.4278** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.7258, 0.2579, 0.2184**, and the grayscale version is **85.6060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **50.7759, 0.3622, 0.4494** is the 20% darker color. If you saturate the color by 10%, you get **89.7839, 0.3647, 0.4538**, and if you desaturate by 10%, it is **93.4494, 0.3442, 0.4008**.

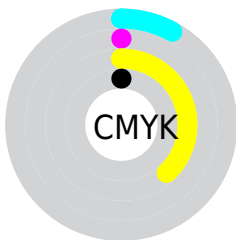
Distribution



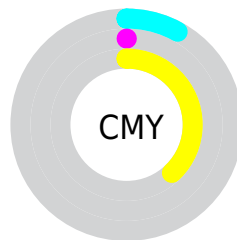
- Red (92%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.5156, 0.3550, 0.4278 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 91.5156, 0.3550, 0.4278 by changing the saturation by 10% instead.


 91.5156, 0.3550,
0.4278

 91.5156, 0.3550,
0.4278


532.9488, 0.3377,
0.3829

 69.2384, 0.3583,
0.4377


 149.4419, 0.3495,
0.4125

 50.9059, 0.3621,
0.4497


 185.8597, 0.3472,
0.4064

 36.1337, 0.3664,
0.4646


227.7598, 0.3452,
0.4012

 24.5375, 0.3711,
0.4832

275.5266, 0.3433,
0.3966

 15.7328, 0.3759,
0.5071

329.5445, 0.3417,
0.3925

 9.3353, 0.3796,
0.5383

390.1979, 0.3402,

 4.9605, 0.3880,

0.3890

0.5928

457.8712, 0.3389,
0.3857

■ 2.2241, 0.3663,
0.6337

■ 0.7331, 0.1905,
0.8095

■ 91.5156, 0.3550,
0.4278

■ 91.5156, 0.3550,
0.4278

■ 89.7839, 0.3647,
0.4538

■ 93.4494, 0.3442,
0.4008

■ 88.2582, 0.3727,
0.4779

■ 95.6114, 0.3329,
0.3740

■ 86.9205, 0.3786,
0.4987

■ 98.0063, 0.3214,
0.3480

■ 85.7563, 0.3819,
0.5154

100.0000, 0.3127,
0.3290

■ 84.7483, 0.3826,
0.5275

■ 83.8742, 0.3809,
0.5348

■ 83.6801, 0.3803,
0.5362

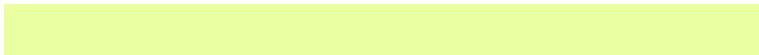
Harmonies

Analogous

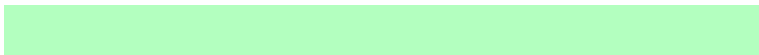
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5156, 0.3991, 0.4117



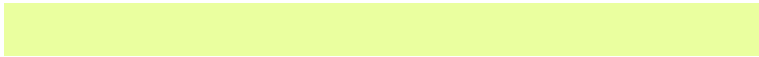
91.5156, 0.3550, 0.4278



91.5156, 0.3018, 0.4120

Triad

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



91.5156, 0.3550, 0.4278



91.5156, 0.2152, 0.2688



91.5156, 0.3711, 0.2934

Complementary

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



91.5156, 0.3550, 0.4278



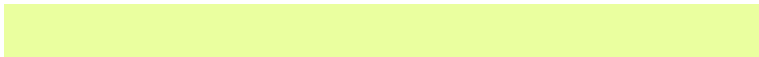
41.7258, 0.2579, 0.2184

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.



91.5156, 0.3164, 0.2619



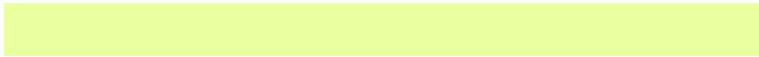
91.5156, 0.3550, 0.4278



91.5156, 0.2297, 0.2465

Square

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



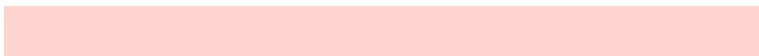
91.5156, 0.3550, 0.4278



91.5156, 0.2234, 0.3117



91.5156, 0.2652, 0.2450



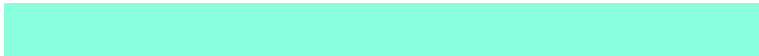
91.5156, 0.4106, 0.3337

Rectangle

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



91.5156, 0.3550, 0.4278



91.5156, 0.2685, 0.3839



91.5156, 0.2652, 0.2450



91.5156, 0.3536, 0.2816

Sweetspot

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



91.5105, 0.3550, 0.4278



97.1763, 0.3252, 0.3566



56.3269, 0.3976, 0.3511



20.7296, 0.3268, 0.3601



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

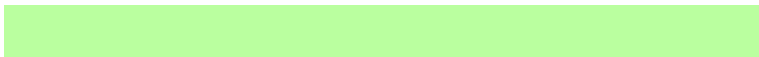
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.5105, 0.3550, 0.4278



90.2206, 0.3623, 0.4471



84.4880, 0.3235, 0.4386



20.8782, 0.3235, 0.3527



43.7932, 0.3810, 0.5357



4.3113, 0.3856, 0.5321

Inverse Universe

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



41.7258, 0.2579, 0.2184



34.0906, 0.2446, 0.1936



48.4796, 0.2949, 0.2292



17.5696, 0.3013, 0.3047



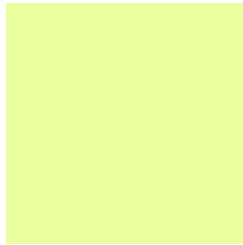
4.2628, 0.1613, 0.0662



0.4604, 0.1716, 0.0719

Previews

White Background



This preview shows how the Yxy color 91.5156, 0.3550, 0.4278 looks on a white background.

Color Contrast Check

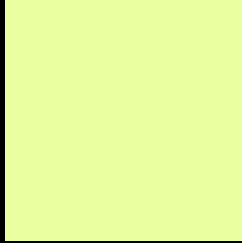
Large Text (above 18pt) WCAG AA × Fail

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 91.5156, 0.3550, 0.4278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

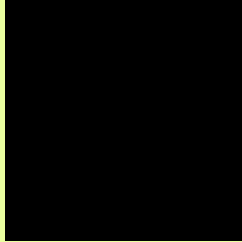
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

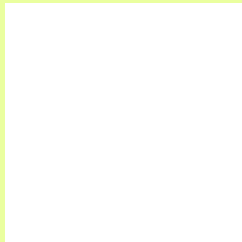
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.5156, 0.3550, 0.4278

Background



This preview shows how black text looks on a background with the Yxy color 91.5156, 0.3550, 0.4278.

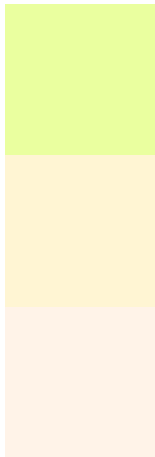


This preview shows how white text looks on a background with the Yxy color 91.5156, 0.3550, 0.4278.

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

91.5156, 0.3550, 0.4278

Protanopia

91.2680, 0.3404, 0.3627

Deuteranopia

91.1874, 0.3274, 0.3398



Tritanopia

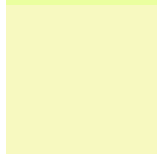
91.5142, 0.3075, 0.3183

Trichromacy



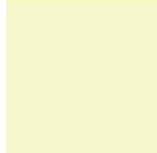
Original Color

91.5156, 0.3550, 0.4278



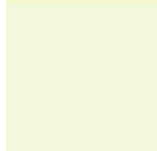
Protanomaly

91.3313, 0.3460, 0.3866



Deuteranomaly

90.7035, 0.3383, 0.3714



Tritanomaly

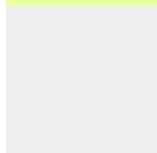
91.1794, 0.3256, 0.3573

Monochromacy



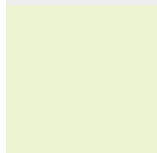
Original Color

91.5156, 0.3550, 0.4278



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.3093, 0.3295, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5156, 0.3550, 0.4278 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(234, 255, 159)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 159)  
}
```

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(234, 255, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 159) }
```

Border

The CSS property to change the border of an element to Yxy 91.5156, 0.3550, 0.4278 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(234, 255, 159) }
```

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

```
.border{ border-color:rgb(234, 255, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 159);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5156, 0.3550, 0.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 159) }
```

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

```
.background{ background-color: rgb(234,  
255, 159) }
```

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