

Converting Colors

Yxy(91.1041, 0.3454, 0.4174)

Have a look what the booklet for
Yxy(91.1041, 0.3454, 0.4174)
contains.

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Color

Yxy(91.0803, 0.3455, 0.4177)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFAA
RGB	229, 255, 170
RGB Percent	90%, 100%, 67%
CMY	0.1018, 0.0000, 0.3334
CMYK	0.10, 0.00, 0.33, 0.00
HSL	78°, 100%, 83%
HSV	78°, 33%, 100%
XYZ	75.3369, 91.0803, 51.6347
YIQ	237.5360, 11.7890, -31.9470

Conversions

Conversions Part 2

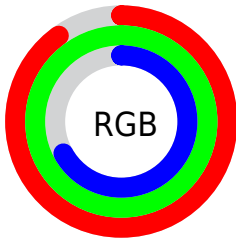
Format	Color
RYB	170, 255, 196
Decimal	15073194
CIELab	96.44, -21.94, 37.90
CIELCh	96, 43.795, 120.064
Yxy	91.0803, 0.3455, 0.4177
Android (android.graphics.Color)	4293263274 (0xFFE5FFAA)
YUV	237.5360, -33.2952, -7.4861
Hunter-Lab	95.4360, -26.1055, 34.7269

Details

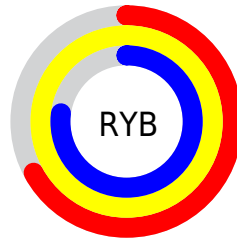
The Yxy color **91.0803, 0.3455, 0.4177** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **47.6956, 0.2708, 0.2341**, and the grayscale version is **85.3843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **50.5568, 0.3514, 0.4372** is the 20% darker color. If you saturate the color by 10%, you get **88.9583, 0.3541, 0.4454**, and if you desaturate by 10%, it is **93.4549, 0.3360, 0.3899**.

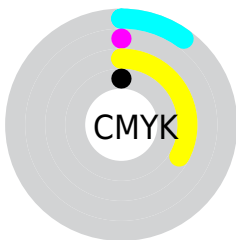
Distribution



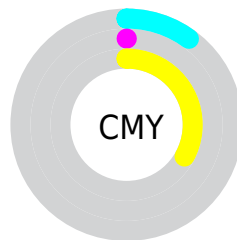
- Red (90%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.0803, 0.3455, 0.4177 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 91.0803, 0.3455, 0.4177 by changing the saturation by 10% instead.


 91.0803, 0.3455,
0.4177

 91.0803, 0.3455,
0.4177


531.5388, 0.3321,
0.3771

 68.8770, 0.3481,
0.4268


 148.8381, 0.3412,
0.4038

 50.6115, 0.3511,
0.4378


185.1613, 0.3394,
0.3983

 35.8995, 0.3545,
0.4516


226.9600, 0.3378,
0.3936

 24.3566, 0.3583,
0.4691

274.6185, 0.3364,
0.3894

 15.5984, 0.3623,
0.4920

328.5213, 0.3352,
0.3858

 9.2404, 0.3658,
0.5227

389.0526, 0.3340,

 4.8983, 0.3686,

0.3826

0.5690

456.5970, 0.3330,
0.3797

■ 2.1877, 0.3629,
0.6371

■ 0.7133, 0.1664,
0.8336

■ 91.0803, 0.3455,
0.4177

■ 91.0803, 0.3455,
0.4177

■ 88.9583, 0.3541,
0.4454

■ 93.4549, 0.3360,
0.3899

■ 87.0654, 0.3614,
0.4720

■ 96.0809, 0.3260,
0.3628

■ 85.3927, 0.3667,
0.4961

■ 98.9722, 0.3160,
0.3372

■ 83.9261, 0.3696,
0.5165

99.9981, 0.3127,
0.3290

■ 82.6491, 0.3700,
0.5323

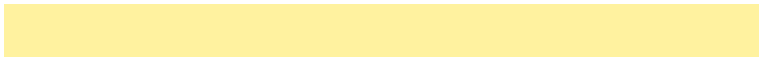
■ 81.5420, 0.3679,
0.5432

■ 80.8799, 0.3654,
0.5481

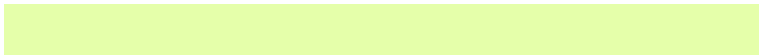
Harmonies

Analogous

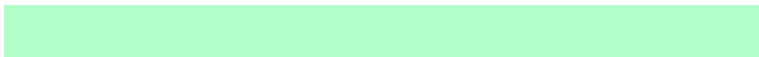
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0803, 0.3870, 0.4073



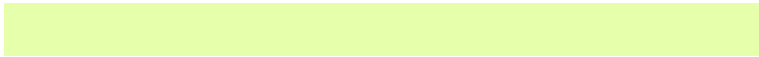
91.0803, 0.3455, 0.4177



91.0803, 0.2971, 0.3992

Triad

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



91.0803, 0.3455, 0.4177



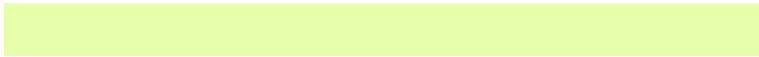
91.0803, 0.2243, 0.2711



91.0803, 0.3711, 0.3012

Complementary

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



91.0803, 0.3455, 0.4177



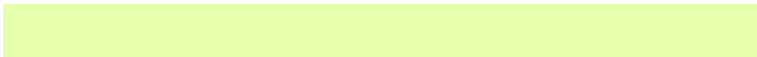
47.6956, 0.2708, 0.2341

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.



91.0803, 0.3228, 0.2709



91.0803, 0.3455, 0.4177



91.0803, 0.2403, 0.2527

Square

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



91.0803, 0.3455, 0.4177



91.0803, 0.2293, 0.3080



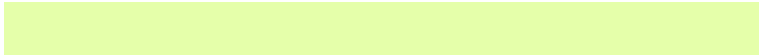
91.0803, 0.2751, 0.2534



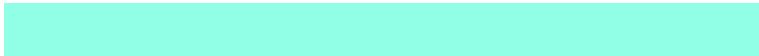
91.0803, 0.4037, 0.3389

Rectangle

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



91.0803, 0.3455, 0.4177



91.0803, 0.2676, 0.3724



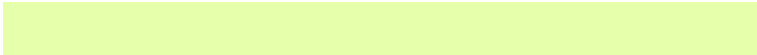
91.0803, 0.2751, 0.2534



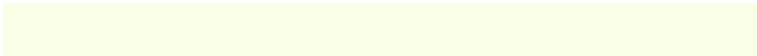
91.0803, 0.3559, 0.2900

Sweetspot

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



91.0843, 0.3455, 0.4177



97.0180, 0.3227, 0.3541



63.4133, 0.3822, 0.3558



20.6808, 0.3241, 0.3578



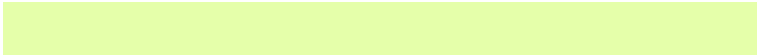
0.0000, 0.0000, 0.0000



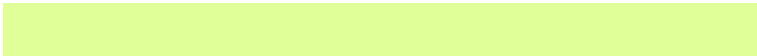
21.4041, 0.3127, 0.3290

Same Dimension

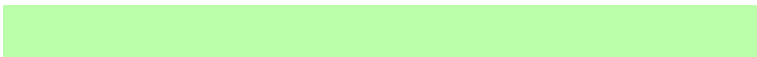
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0843, 0.3455, 0.4177



89.6434, 0.3514, 0.4363



84.9840, 0.3182, 0.4258



20.7961, 0.3222, 0.3528



42.3447, 0.3663, 0.5474



4.1804, 0.3725, 0.5425

Inverse Universe

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



47.6956, 0.2708, 0.2341



40.2112, 0.2602, 0.2125



54.1428, 0.3031, 0.2425



17.6467, 0.3027, 0.3048



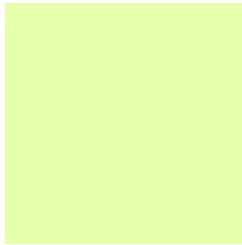
4.6843, 0.1706, 0.0714



0.5105, 0.1825, 0.0779

Previews

White Background



This preview shows how the Yxy color 91.0803, 0.3455, 0.4177 looks on a white background.

Color Contrast Check

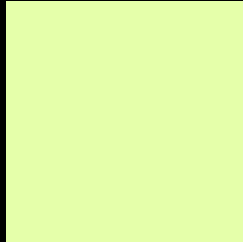
Large Text (above 18pt) WCAG AA × Fail

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 91.0803, 0.3455, 0.4177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

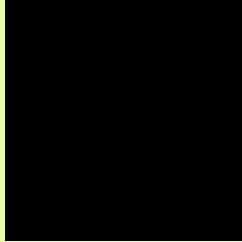
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

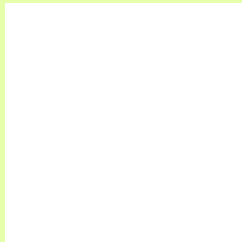
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0803, 0.3455, 0.4177

Background



This preview shows how black text looks on a background with the Yxy color 91.0803, 0.3455, 0.4177.

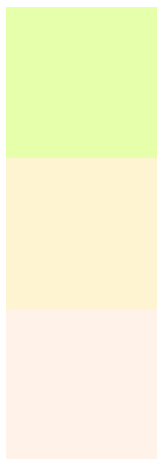


This preview shows how white text looks on a background with the Yxy color 91.0803, 0.3455, 0.4177.

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

91.0803, 0.3455, 0.4177

Protanopia

90.5648, 0.3418, 0.3637

Deuteranopia

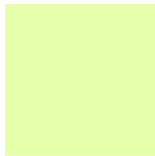
90.5905, 0.3275, 0.3388



Tritanopia

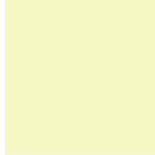
90.9761, 0.3056, 0.3182

Trichromacy



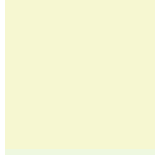
Original Color

91.0803, 0.3455, 0.4177



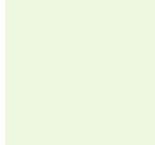
Protanomaly

90.6678, 0.3437, 0.3827



Deuteranomaly

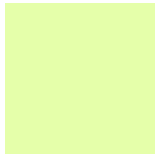
90.7178, 0.3352, 0.3673



Tritanomaly

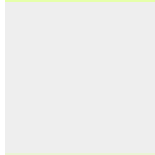
90.6938, 0.3206, 0.3534

Monochromacy



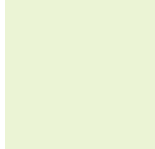
Original Color

91.0803, 0.3455, 0.4177



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.1676, 0.3257, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0803, 0.3455, 0.4177 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(229, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 170)  
}
```

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(229, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 170) }
```

Border

The CSS property to change the border of an element to Yxy 91.0803, 0.3455, 0.4177 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(229, 255, 170) }
```

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

```
.border{ border-color:rgb(229, 255, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0803, 0.3455, 0.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 170) }
```

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

```
.background{ background-color: rgb(229,  
255, 170) }
```

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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