

Converting Colors

Yxy(93.3395, 0.3158, 0.3639)

Have a look what the booklet for
Yxy(93.3395, 0.3158, 0.3639)
contains.

Yxy(93.3985, 0.3161, 0.3639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.3985, 0.3161, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFDD
RGB	229, 255, 221
RGB Percent	90%, 100%, 87%
CMY	0.1018, 0.0000, 0.1335
CMYK	0.10, 0.00, 0.13, 0.00
HSL	106°, 100%, 93%
HSV	106°, 13%, 100%
XYZ	81.1302, 93.3985, 82.1311
YIQ	243.3500, -4.5820, -16.0860

Conversions

Conversions Part 2

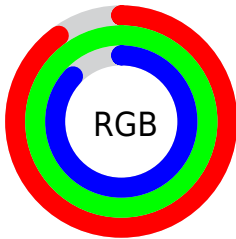
Format	Color
R _Y B	221, 255, 247
Decimal	15073245
CIE Lab	97.39, -14.45, 13.44
CIE LCh	97, 19.732, 137.072
Yxy	93.3985, 0.3161, 0.3639
Android (android.graphics.Color)	4293263325 (0xFFE5FFDD)
YUV	243.3500, -11.0186, -12.5850
Hunter-Lab	96.6429, -19.2772, 17.2629

Details

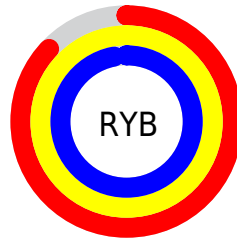
The Yxy color **93.3985, 0.3161, 0.3639** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.6724, 0.3087, 0.2954**, and the grayscale version is **90.0191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0256, 0.3162, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **89.1227, 0.3184, 0.3934**, and if you desaturate by 10%, it is **98.2471, 0.3136, 0.3373**.

Distribution



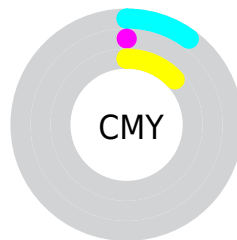
- Red (90%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (97%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3985, 0.3161, 0.3639 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 93.3985, 0.3161, 0.3639 by changing the saturation by 10% instead.


 93.3985, 0.3161,
0.3639

 93.3985, 0.3161,
0.3639

539.0251, 0.3148,
0.3481

 70.8028, 0.3163,
0.3674


152.0502, 0.3157,
0.3585

 52.1813, 0.3166,
0.3717


188.8750, 0.3155,
0.3564

 37.1496, 0.3169,
0.3771


231.2115, 0.3154,
0.3545

 25.3233, 0.3173,
0.3841

279.4443, 0.3152,
0.3529

 16.3181, 0.3177,
0.3934

333.9576, 0.3151,
0.3515

 9.7495, 0.3180,
0.4064

395.1360, 0.3150,

 5.2332, 0.3181,

0.3502

0.4259

463.3637, 0.3149,
0.3491

■ 2.3847, 0.3171,
0.4582

■ 0.8180, 0.3418,
0.6582

■ 93.3985, 0.3161,
0.3639

■ 93.3985, 0.3161,
0.3639

■ 89.1227, 0.3184,
0.3934


■ 98.2471, 0.3136,
0.3373


■ 85.3865, 0.3202,
0.4253


99.9988, 0.3127,
0.3290

■ 82.1717, 0.3213,
0.4587


■ 79.4542, 0.3216,
0.4923

 77.2081, 0.3207,
0.5241

 75.4048, 0.3185,
0.5518

 74.0125, 0.3152,
0.5734

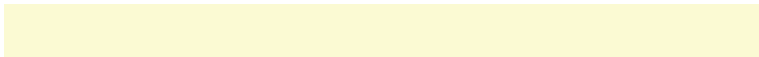
 72.9944, 0.3111,
0.5876

 72.4964, 0.3082,
0.5935

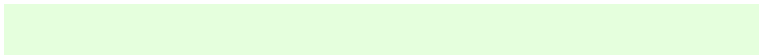
Harmonies

Analogous

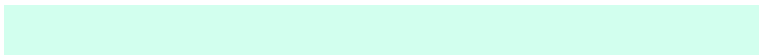
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3985, 0.3371, 0.3676



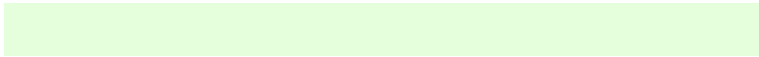
93.3985, 0.3161, 0.3639



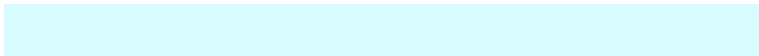
93.3985, 0.2947, 0.3497

Triad

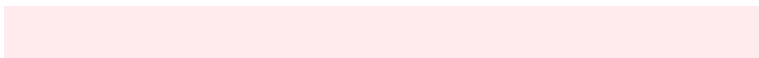
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3985, 0.3161, 0.3639



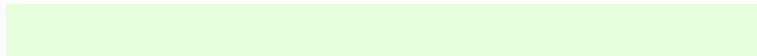
93.3985, 0.2746, 0.2969



93.3985, 0.3480, 0.3268

Complementary

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



93.3985, 0.3161, 0.3639



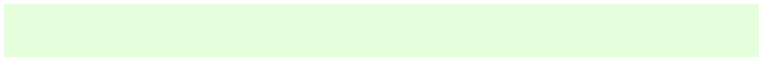
78.6724, 0.3087, 0.2954

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.



93.3985, 0.3302, 0.3095



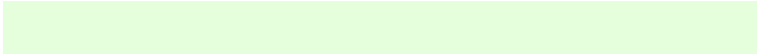
93.3985, 0.3161, 0.3639



93.3985, 0.2879, 0.2924

Square

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



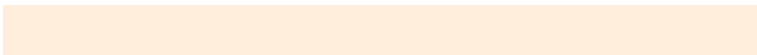
93.3985, 0.3161, 0.3639



93.3985, 0.2713, 0.3103



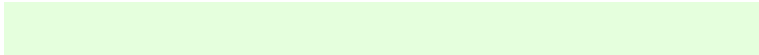
93.3985, 0.3081, 0.2970



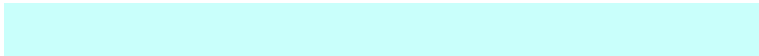
93.3985, 0.3560, 0.3453

Rectangle

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



93.3985, 0.3161, 0.3639



93.3985, 0.2830, 0.3366



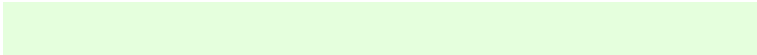
93.3985, 0.3081, 0.2970



93.3985, 0.3430, 0.3207

Sweetspot

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



93.4025, 0.3161, 0.3639



97.9149, 0.3138, 0.3389



92.6878, 0.3339, 0.3541



20.8761, 0.3139, 0.3408



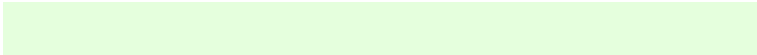
0.0000, 0.0000, 0.0000



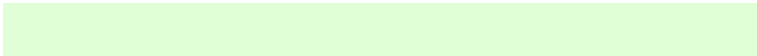
21.4041, 0.3127, 0.3290

Same Dimension

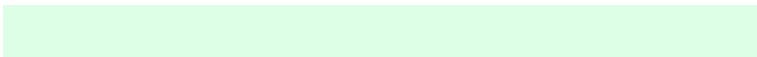
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4025, 0.3161, 0.3639



92.2145, 0.3167, 0.3715



92.5687, 0.3063, 0.3554



20.3762, 0.3152, 0.3533



37.9379, 0.3091, 0.5927



3.7414, 0.3166, 0.5868

Inverse Universe

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



78.6724, 0.3087, 0.2954



74.8833, 0.3078, 0.2884



79.6370, 0.3199, 0.3040



18.0703, 0.3100, 0.3053



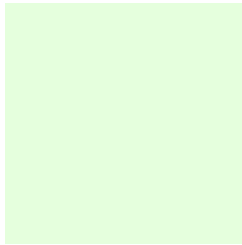
9.8692, 0.2613, 0.1213



1.0107, 0.2684, 0.1252

Previews

White Background



This preview shows how the Yxy color 93.3985, 0.3161, 0.3639 looks on a white background.

Color Contrast Check

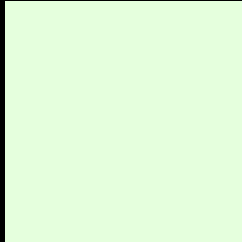
Large Text (above 18pt) WCAG AA × Fail

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 93.3985, 0.3161, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

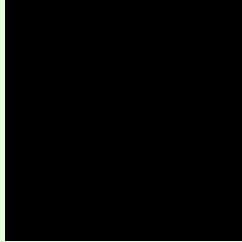
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

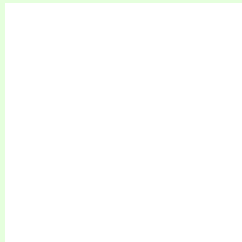
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3985, 0.3161, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 93.3985, 0.3161, 0.3639.

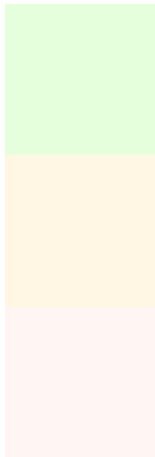


This preview shows how white text looks on a background with the Yxy color 93.3985, 0.3161, 0.3639.

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

93.3985, 0.3161, 0.3639

Protanopia

93.3276, 0.3301, 0.3486

Deuteranopia

92.9756, 0.3210, 0.3319

Tritanopia

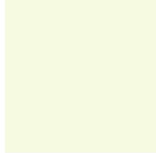
93.4095, 0.3055, 0.3221

Trichromacy



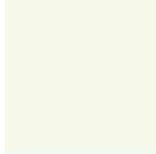
Original Color

93.3985, 0.3161, 0.3639



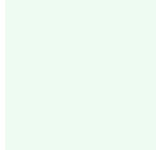
Protanomaly

93.4003, 0.3250, 0.3539



Deuteranomaly

93.2847, 0.3197, 0.3439



Tritanomaly

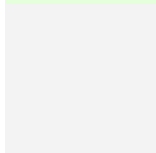
93.6426, 0.3092, 0.3369

Monochromacy



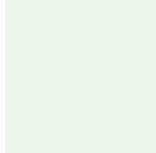
Original Color

93.3985, 0.3161, 0.3639



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.6968, 0.3141, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3985, 0.3161, 0.3639 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 221) }
```

Border

The CSS property to change the border of an element to Yxy 93.3985, 0.3161, 0.3639 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, 221) }
```

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

```
.border{ border-color:rgb(229, 255, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3985, 0.3161, 0.3639 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, 221) }
```

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

```
.background{ background-color: rgb(229,  
255, 221) }
```

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