

Converting Colors

Yxy(93.5812, 0.3152, 0.3618)

Have a look what the booklet for
Yxy(93.5812, 0.3152, 0.3618)
contains.

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Color

Yxy(93.5057, 0.3149, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFDF
RGB	229, 255, 223
RGB Percent	90%, 100%, 87%
CMY	0.1020, 0.0000, 0.1256
CMYK	0.10, 0.00, 0.13, 0.00
HSL	109°, 100%, 94%
HSV	109°, 13%, 100%
XYZ	81.3846, 93.5057, 83.5555
YIQ	243.5780, -5.2240, -15.4640

Conversions

Conversions Part 2

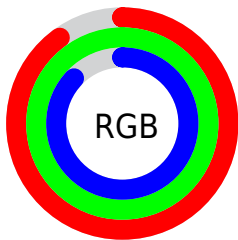
Format	Color
R _Y B	223, 255, 249
Decimal	15073247
CIE _{Lab}	97.43, -14.14, 12.47
CIE _{LCh}	97, 18.851, 138.596
Y _{xy}	93.5057, 0.3149, 0.3618
Android (android.graphics.Color)	4293263327 (0xFFE5FFDF)
Y _{UV}	243.5780, -10.1450, -12.7849
Hunter-Lab	96.6983, -18.9905, 16.4573

Details

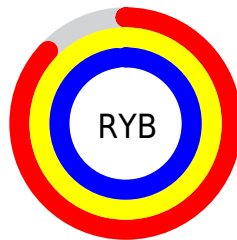
The Yxy color **93.5057, 0.3149, 0.3618** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.1247, 0.3101, 0.2975**, and the grayscale version is **90.1898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0996, 0.3148, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **89.0202, 0.3164, 0.3913**, and if you desaturate by 10%, it is **98.5960, 0.3132, 0.3353**.

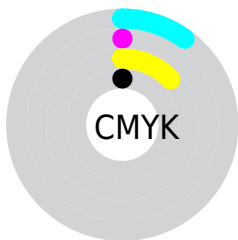
Distribution



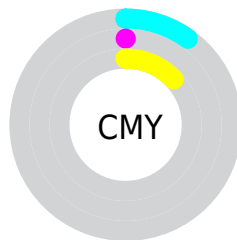
- Red (90%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (98%)



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5057, 0.3149, 0.3618 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 93.5057, 0.3149, 0.3618 by changing the saturation by 10% instead.

 93.5057, 0.3149,
0.3618

 93.5057, 0.3149,
0.3618


539.3700, 0.3141,
0.3470

 70.8919, 0.3150,
0.3651

152.1985, 0.3147,
0.3567

 52.2540, 0.3152,
0.3692


189.0464, 0.3146,
0.3547

 37.2076, 0.3154,
0.3742


231.4077, 0.3145,
0.3530

 25.3682, 0.3155,
0.3807

279.6668, 0.3144,
0.3515

 16.3516, 0.3156,
0.3894

334.2083, 0.3143,
0.3502

 9.7733, 0.3157,
0.4016

395.4163, 0.3142,

 5.2489, 0.3153,

0.3490

0.4199

463.6754, 0.3142,
0.3479

■ 2.3940, 0.3139,
0.4502

■ 0.8228, 0.3403,
0.6408

■ 93.5057, 0.3149,
0.3618

■ 93.5057, 0.3149,
0.3618

■ 89.0202, 0.3164,
0.3913

■ 98.5960, 0.3132,
0.3353

■ 85.1299, 0.3175,
0.4234


100.0000, 0.3127,
0.3290


■ 81.8051, 0.3180,
0.4573

■ 79.0189, 0.3178,
0.4916

 76.7424, 0.3166,
0.5242

 74.9435, 0.3145,
0.5527

 73.5865, 0.3115,
0.5749

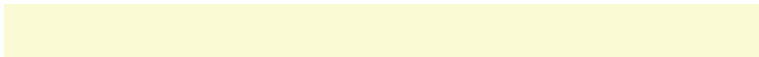
 72.6301, 0.3079,
0.5895

 72.1428, 0.3053,
0.5958

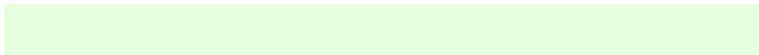
Harmonies

Analogous

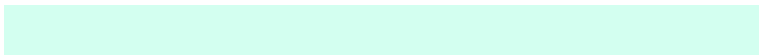
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5057, 0.3351, 0.3659



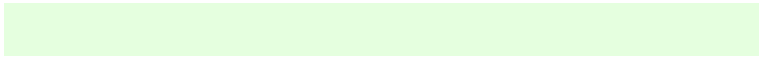
93.5057, 0.3149, 0.3618



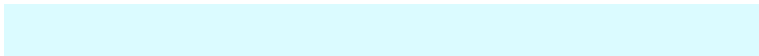
93.5057, 0.2946, 0.3479

Triad

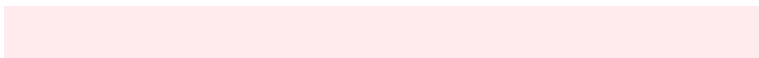
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5057, 0.3149, 0.3618



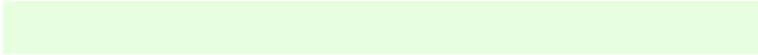
93.5057, 0.2768, 0.2979



93.5057, 0.3471, 0.3279

Complementary

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



93.5057, 0.3149, 0.3618



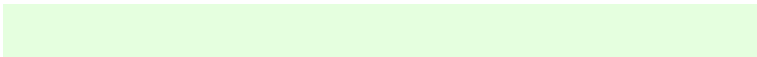
80.1247, 0.3101, 0.2975

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.



93.5057, 0.3305, 0.3111



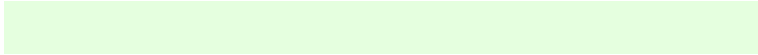
93.5057, 0.3149, 0.3618



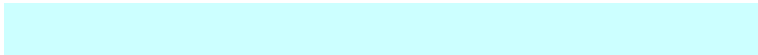
93.5057, 0.2899, 0.2940

Square

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



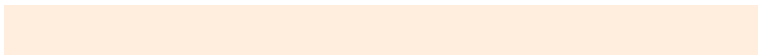
93.5057, 0.3149, 0.3618



93.5057, 0.2730, 0.3104



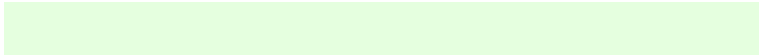
93.5057, 0.3094, 0.2989



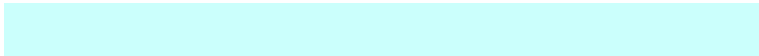
93.5057, 0.3542, 0.3455

Rectangle

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



93.5057, 0.3149, 0.3618



93.5057, 0.2836, 0.3353



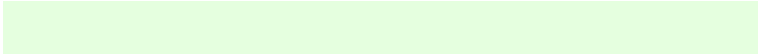
93.5057, 0.3094, 0.2989



93.5057, 0.3424, 0.3220

Sweetspot

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



93.5011, 0.3149, 0.3618



97.8220, 0.3134, 0.3389



94.0885, 0.3324, 0.3541



20.8527, 0.3136, 0.3408



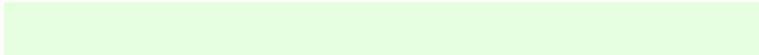
0.0000, 0.0000, 0.0000



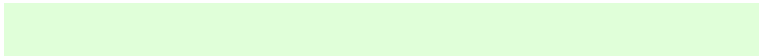
21.4041, 0.3127, 0.3290

Same Dimension

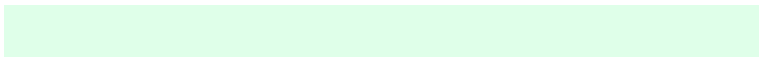
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5011, 0.3149, 0.3618



92.3506, 0.3153, 0.3687



93.0644, 0.3057, 0.3520



20.3318, 0.3144, 0.3534



37.7427, 0.3060, 0.5952



3.7164, 0.3127, 0.5899

Inverse Universe

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



80.1247, 0.3101, 0.2975



76.6431, 0.3095, 0.2912



80.6414, 0.3205, 0.3070



18.1183, 0.3108, 0.3054



10.7830, 0.2738, 0.1282



1.0923, 0.2794, 0.1313

Previews

White Background



This preview shows how the Yxy color 93.5057, 0.3149, 0.3618 looks on a white background.

Color Contrast Check

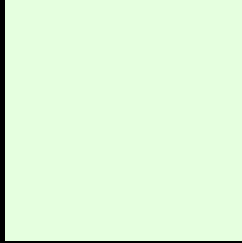
Large Text (above 18pt) WCAG AA × Fail

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 93.5057, 0.3149, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

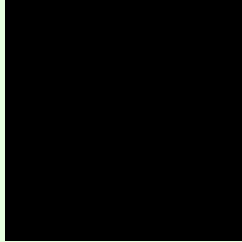
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

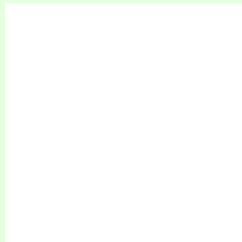
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5057, 0.3149, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 93.5057, 0.3149, 0.3618.

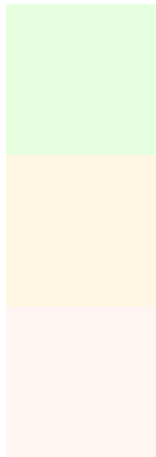


This preview shows how white text looks on a background with the Yxy color 93.5057, 0.3149, 0.3618.

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

93.5057, 0.3149, 0.3618

Protanopia

93.3830, 0.3294, 0.3476

Deuteranopia

93.0359, 0.3204, 0.3310

Tritanopia

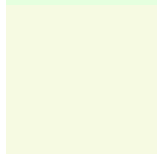
93.4095, 0.3055, 0.3221

Trichromacy



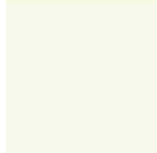
Original Color

93.5057, 0.3149, 0.3618



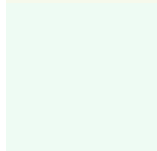
Protanomaly

93.4550, 0.3244, 0.3529



Deuteranomaly

93.4003, 0.3185, 0.3418



Tritanomaly

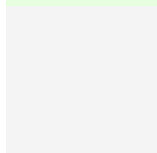
93.6426, 0.3092, 0.3369

Monochromacy



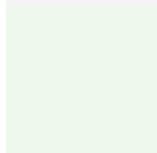
Original Color

93.5057, 0.3149, 0.3618



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.5417, 0.3141, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5057, 0.3149, 0.3618 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 223) }
```

Border

The CSS property to change the border of an element to Yxy 93.5057, 0.3149, 0.3618 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, 223) }
```

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

```
.border{ border-color:rgb(229, 255, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5057, 0.3149, 0.3618 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, 223) }
```

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

```
.background{ background-color: rgb(229,  
255, 223) }
```

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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