

Converting Colors

$Yxy(92.9249, 0.3158, 0.3661)$

Have a look what the booklet for
Yxy(92.9249, 0.3158, 0.3661)
contains.

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Color

Yxy(92.9654, 0.3159, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFDB
RGB	227, 255, 219
RGB Percent	89%, 100%, 86%
CMY	0.1100, 0.0000, 0.1411
CMYK	0.11, 0.00, 0.14, 0.00
HSL	107°, 100%, 93%
HSV	107°, 14%, 100%
XYZ	80.2179, 92.9654, 80.7512
YIQ	242.5240, -5.1320, -17.1320

Conversions

Conversions Part 2

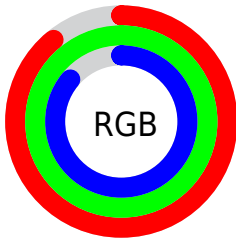
Format	Color
RYB	219, 255, 247
Decimal	14942171
CIELab	97.21, -15.48, 14.16
CIELCh	97, 20.978, 137.538
Yxy	92.9654, 0.3159, 0.3661
Android (android.graphics.Color)	4293132251 (0xFFE3FFDB)
YUV	242.5240, -11.5973, -13.6145
Hunter-Lab	96.4186, -20.2249, 17.8373

Details

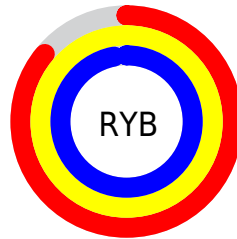
The Yxy color **92.9654, 0.3159, 0.3661** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.6832, 0.3089, 0.2934**, and the grayscale version is **89.3186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7264, 0.3161, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **88.6714, 0.3179, 0.3959**, and if you desaturate by 10%, it is **97.8282, 0.3137, 0.3392**.

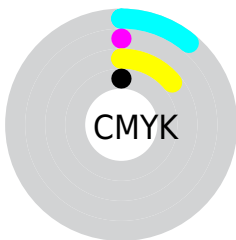
Distribution



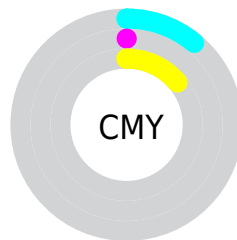
- Red (89%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (97%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.9654, 0.3159, 0.3661 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 92.9654, 0.3159, 0.3661 by changing the saturation by 10% instead.


 92.9654, 0.3159,
0.3661

 92.9654, 0.3159,
0.3661


537.6307, 0.3147,
0.3493

 70.4427, 0.3161,
0.3699


151.4507, 0.3155,
0.3603

 51.8876, 0.3164,
0.3745


188.1822, 0.3154,
0.3581

 36.9155, 0.3166,
0.3803


230.4186, 0.3152,
0.3561

 25.1420, 0.3169,
0.3877

278.5446, 0.3151,
0.3544

 16.1829, 0.3172,
0.3977

332.9444, 0.3150,
0.3529

 9.6537, 0.3173,
0.4117

394.0024, 0.3149,

 5.1699, 0.3170,

0.3516

0.4327

462.1030, 0.3148,
0.3504

■ 2.3473, 0.3153,
0.4676

■ 0.7986, 0.3231,
0.6769

■ 92.9654, 0.3159,
0.3661

■ 92.9654, 0.3159,
0.3661

■ 88.6714, 0.3179,
0.3959

■ 97.8282, 0.3137,
0.3392

■ 84.9393, 0.3194,
0.4281

100.0000, 0.3127,
0.3290

■ 81.7407, 0.3202,
0.4618

■ 79.0504, 0.3202,
0.4955

■ 76.8413, 0.3191,
0.5272

■ 75.0834, 0.3169,
0.5547

■ 73.7432, 0.3136,
0.5758

■ 72.7818, 0.3095,
0.5893

■ 72.3677, 0.3072,
0.5943

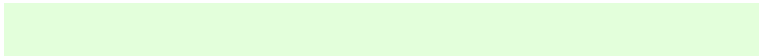
Harmonies

Analogous

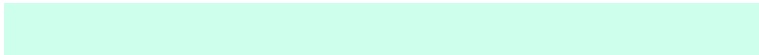
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9654, 0.3384, 0.3702



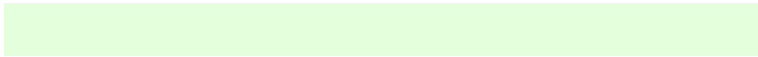
92.9654, 0.3159, 0.3661



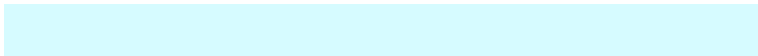
92.9654, 0.2932, 0.3508

Triad

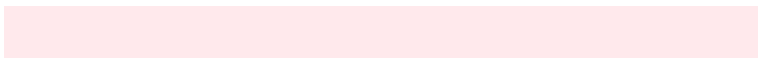
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9654, 0.3159, 0.3661



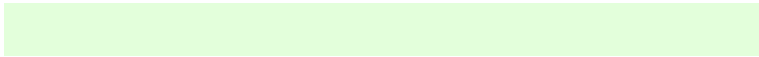
92.9654, 0.2724, 0.2947



92.9654, 0.3505, 0.3269

Complementary

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



92.9654, 0.3159, 0.3661



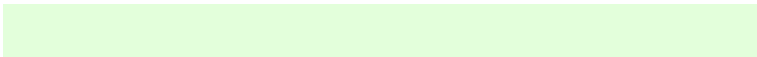
77.6832, 0.3089, 0.2934

Split Complementary

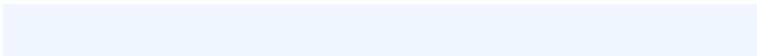
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9654, 0.3317, 0.3085



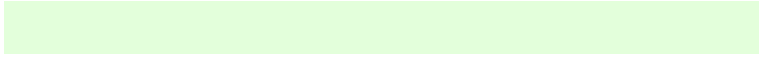
92.9654, 0.3159, 0.3661



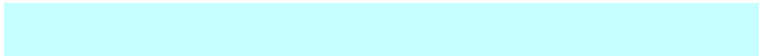
92.9654, 0.2866, 0.2901

Square

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



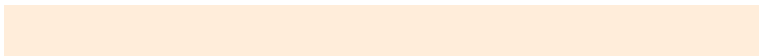
92.9654, 0.3159, 0.3661



92.9654, 0.2686, 0.3087



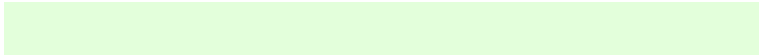
92.9654, 0.3082, 0.2952



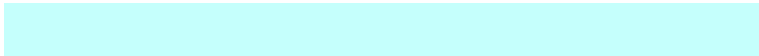
92.9654, 0.3589, 0.3466

Rectangle

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



92.9654, 0.3159, 0.3661



92.9654, 0.2809, 0.3367



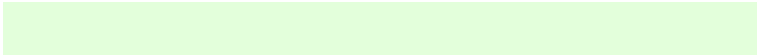
92.9654, 0.3082, 0.2952



92.9654, 0.3452, 0.3204

Sweetspot

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



92.9604, 0.3159, 0.3661



97.8835, 0.3136, 0.3389



92.6568, 0.3351, 0.3562



20.8682, 0.3138, 0.3408



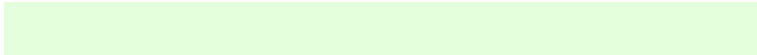
0.0000, 0.0000, 0.0000



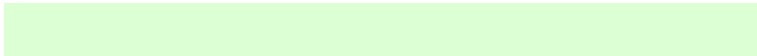
21.4041, 0.3127, 0.3290

Same Dimension

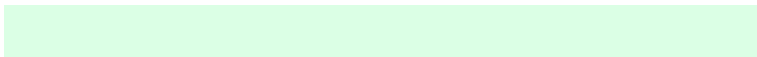
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9604, 0.3159, 0.3661



91.6611, 0.3165, 0.3744



92.2202, 0.3056, 0.3564



20.3612, 0.3149, 0.3533



37.8668, 0.3080, 0.5936



3.7325, 0.3152, 0.5879

Inverse Universe

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



77.6832, 0.3089, 0.2934



73.6237, 0.3079, 0.2858



78.5545, 0.3207, 0.3031



18.0864, 0.3102, 0.3053



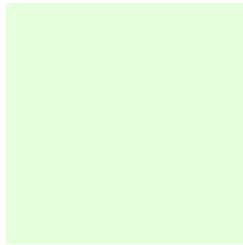
10.1687, 0.2655, 0.1236



1.0376, 0.2721, 0.1273

Previews

White Background



This preview shows how the Yxy color 92.9654, 0.3159, 0.3661 looks on a white background.

Color Contrast Check

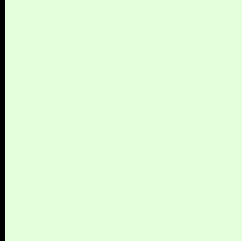
Large Text (above 18pt) WCAG AA × Fail

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 92.9654, 0.3159, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

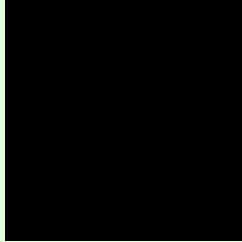
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

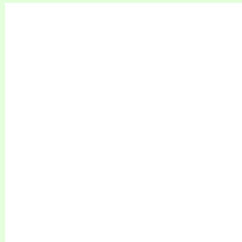
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9654, 0.3159, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 92.9654, 0.3159, 0.3661.

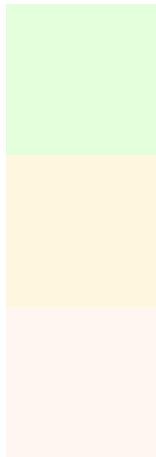


This preview shows how white text looks on a background with the Yxy color 92.9654, 0.3159, 0.3661.

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

92.9654, 0.3159, 0.3661

Protanopia

92.5534, 0.3320, 0.3506

Deuteranopia

92.9157, 0.3216, 0.3329

Tritanopia

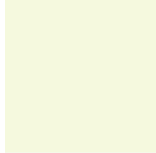
92.6188, 0.3049, 0.3211

Trichromacy



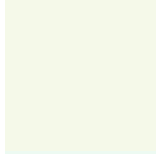
Original Color

92.9654, 0.3159, 0.3661



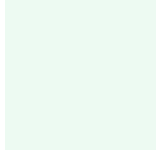
Protanomaly

92.4378, 0.3263, 0.3560



Deuteranomaly

93.0470, 0.3197, 0.3449



Tritanomaly

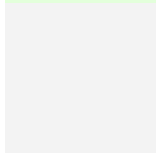
92.7865, 0.3092, 0.3370

Monochromacy



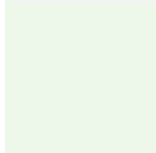
Original Color

92.9654, 0.3159, 0.3661



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.4666, 0.3140, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9654, 0.3159, 0.3661 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(227, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 219)  
}
```

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(227, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 92.9654, 0.3159, 0.3661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

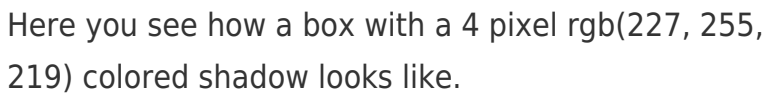
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 255, 219) }
```

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

```
.border{ border-color:rgb(227, 255, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 255, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 255, 219); box-shadow:4px 4px 4px 4px rgb(227, 255, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9654, 0.3159, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 219) }
```

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

```
.background{ background-color: rgb(227,  
255, 219) }
```

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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