

Converting Colors

$Yxy(93.5401, 0.3118, 0.3575)$

Have a look what the booklet for
Yxy(93.5401, 0.3118, 0.3575)
contains.

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Color

Yxy(93.5600, 0.3120, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFE3
RGB	228, 255, 227
RGB Percent	89%, 100%, 89%
CMY	0.1058, 0.0000, 0.1097
CMYK	0.11, 0.00, 0.11, 0.00
HSL	118°, 100%, 95%
HSV	118°, 11%, 100%
XYZ	81.6295, 93.5600, 86.4436
YIQ	243.7350, -7.1040, -14.4320

Conversions

Conversions Part 2

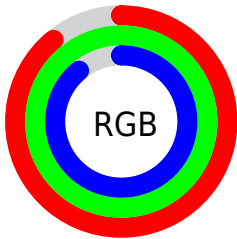
Format	Color
R_{YB}	227, 255, 254
Decimal	15007715
CIE Lab	97.45, -13.76, 10.42
CIE LCh	97, 17.259, 142.862
Yxy	93.5600, 0.3120, 0.3576
Android (android.graphics.Color)	4293197795 (0xFFE4FFE3)
YUV	243.7350, -8.2504, -13.7996
Hunter-Lab	96.7264, -18.6312, 14.7215

Details

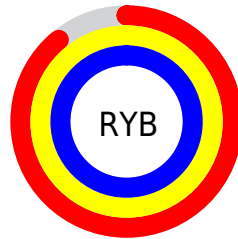
The Yxy color **93.5600, 0.3120, 0.3576** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83.2374, 0.3133, 0.3019**, and the grayscale version is **90.3230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1374, 0.3111, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **88.5196, 0.3112, 0.3873**, and if you desaturate by 10%, it is **99.3884, 0.3127, 0.3314**.

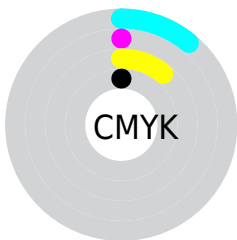
Distribution



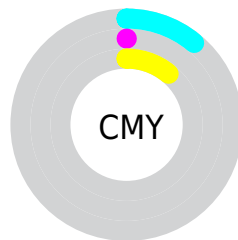
- Red (89%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5600, 0.3120, 0.3576 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 93.5600, 0.3120, 0.3576 by changing the saturation by 10% instead.

 93.5600, 0.3120,
0.3576

 93.5600, 0.3120,
0.3576

539.5446, 0.3124,
0.3447

 70.9370, 0.3119,
0.3605


152.2737, 0.3122,
0.3532

 52.2908, 0.3117,
0.3640


189.1332, 0.3122,
0.3514

 37.2369, 0.3115,
0.3684


231.5070, 0.3123,
0.3499

 25.3910, 0.3112,
0.3740

279.7796, 0.3123,
0.3486

 16.3686, 0.3107,
0.3816

334.3352, 0.3124,
0.3475

 9.7854, 0.3099,
0.3922

395.5583, 0.3124,

 5.2569, 0.3085,

0.3464

0.4080

463.8333, 0.3124,
0.3455

■ 2.3988, 0.3056,
0.4343

■ 0.8252, 0.3106,
0.5716

■ 93.5600, 0.3120,
0.3576

■ 93.5600, 0.3120,
0.3576

■ 88.5196, 0.3112,
0.3873


■ 99.3884, 0.3127,
0.3314

■ 84.2220, 0.3101,
0.4202

■ 99.9974, 0.3127,
0.3290

■ 80.6358, 0.3088,
0.4554


■ 77.7226, 0.3074,
0.4913

 75.4404, 0.3058,
0.5257

 73.7424, 0.3041,
0.5558

 72.5756, 0.3026,
0.5789

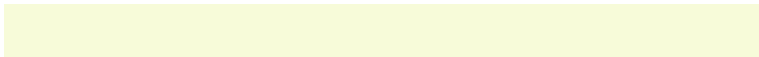
 71.8771, 0.3013,
0.5934

 71.5769, 0.3005,
0.5996

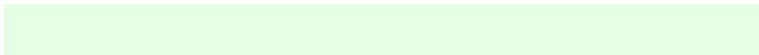
Harmonies

Analogous

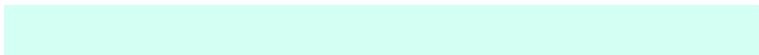
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5600, 0.3309, 0.3628



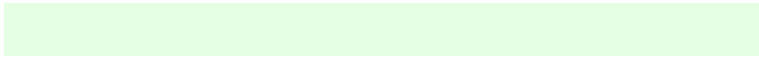
93.5600, 0.3120, 0.3576



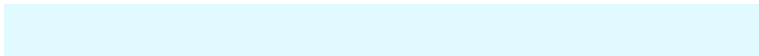
93.5600, 0.2937, 0.3439

Triad

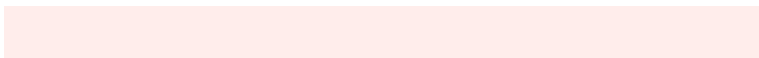
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5600, 0.3120, 0.3576



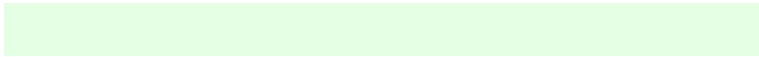
93.5600, 0.2810, 0.2995



93.5600, 0.3456, 0.3304

Complementary

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



93.5600, 0.3120, 0.3576



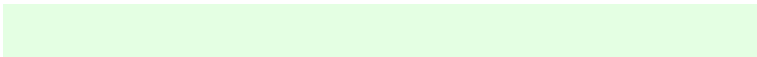
83.2374, 0.3133, 0.3019

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.



93.5600, 0.3315, 0.3146



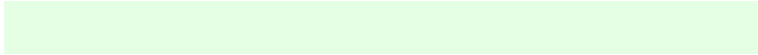
93.5600, 0.3120, 0.3576



93.5600, 0.2941, 0.2970

Square

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



93.5600, 0.3120, 0.3576



93.5600, 0.2762, 0.3100



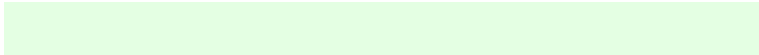
93.5600, 0.3125, 0.3026



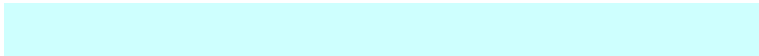
93.5600, 0.3507, 0.3463

Rectangle

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



93.5600, 0.3120, 0.3576



93.5600, 0.2843, 0.3322



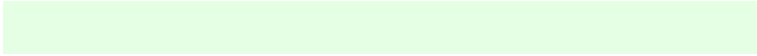
93.5600, 0.3125, 0.3026



93.5600, 0.3418, 0.3249

Sweetspot

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



93.5640, 0.3120, 0.3576



98.1453, 0.3125, 0.3364



97.4347, 0.3293, 0.3548



20.9037, 0.3125, 0.3384



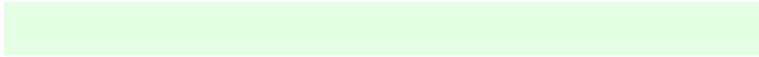
0.0000, 0.0000, 0.0000



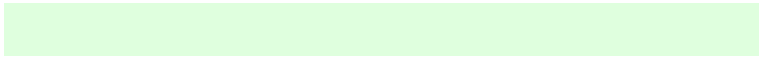
21.4041, 0.3127, 0.3290

Same Dimension

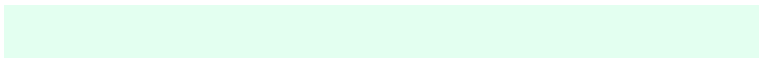
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5640, 0.3120, 0.3576



92.4816, 0.3118, 0.3634



94.1199, 0.3043, 0.3446



20.1994, 0.3121, 0.3535



37.4154, 0.3007, 0.5994



3.6535, 0.3025, 0.5980

Inverse Universe

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



83.2374, 0.3133, 0.3019



80.4163, 0.3134, 0.2967



82.6444, 0.3221, 0.3139



18.2649, 0.3132, 0.3055



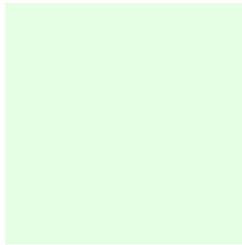
14.0043, 0.3119, 0.1492



1.3736, 0.3130, 0.1498

Previews

White Background



This preview shows how the Yxy color 93.5600, 0.3120, 0.3576 looks on a white background.

Color Contrast Check

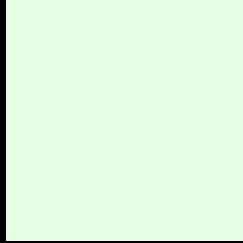
Large Text (above 18pt) WCAG AA × Fail

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 93.5600, 0.3120, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

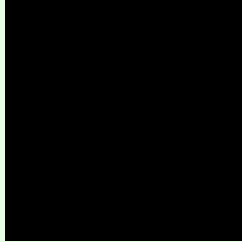
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

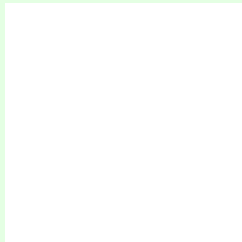
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5600, 0.3120, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 93.5600, 0.3120, 0.3576.

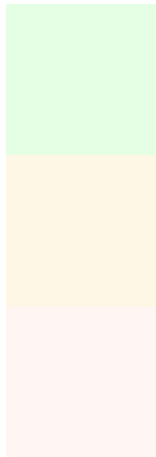


This preview shows how white text looks on a background with the Yxy color 93.5600, 0.3120, 0.3576.

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

93.5600, 0.3120, 0.3576

Protanopia

93.4387, 0.3288, 0.3466

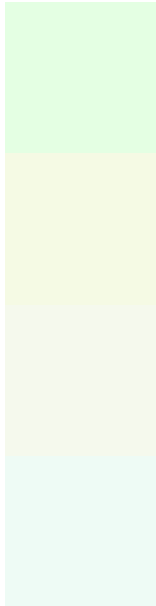
Deuteranopia

93.0359, 0.3204, 0.3310

Tritanopia

93.4095, 0.3055, 0.3221

Trichromacy



Original Color

93.5600, 0.3120, 0.3576

Protanomaly

93.3851, 0.3226, 0.3509

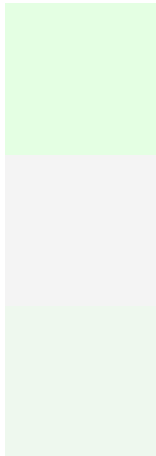
Deuteranomaly

93.2783, 0.3173, 0.3409

Tritanomaly

93.7641, 0.3081, 0.3349

Monochromacy



Original Color

93.5600, 0.3120, 0.3576

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.4850, 0.3122, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5600, 0.3120, 0.3576 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(228, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 227)  
}
```

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(228, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 93.5600, 0.3120, 0.3576 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(228, 255, 227) }
```

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

```
.border{ border-color:rgb(228, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5600, 0.3120, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 227) }
```

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

```
.background{ background-color: rgb(228,  
255, 227) }
```

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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