

Converting Colors

$Yxy(93.2576, 0.3097, 0.3562)$

Have a look what the booklet for
Yxy(93.2576, 0.3097, 0.3562)
contains.

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Color

Yxy(93.2902, 0.3102, 0.3567)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2FFE4 |
| RGB | 226, 255, 228 |
| RGB Percent | 89%, 100%, 89% |
| CMY | 0.1137, 0.0000, 0.1059 |
| CMYK | 0.11, 0.00, 0.11, 0.00 |
| HSL | 124°, 100%, 94% |
| HSV | 124°, 11%, 100% |
| XYZ | 81.1287, 93.2902, 87.1179 |
| YIQ | 243.2510, -8.6170, -14.5450 |

Conversions

Conversions Part 2

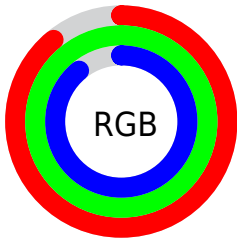
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 226, 253, 255 |
| Decimal | 14876644 |
| CIE _{Lab} | 97.35, -14.26, 9.75 |
| CIE _{LCh} | 97, 17.277, 145.639 |
| Yxy | 93.2902, 0.3102, 0.3567 |
| Android (android.graphics.Color) | 4293066724 (0xFFE2FFE4) |
| YUV | 243.2510, -7.5187, -15.1291 |
| Hunter-Lab | 96.5869, -19.0948, 14.1333 |

Details

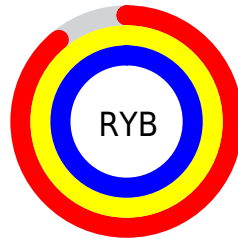
The Yxy color **93.2902, 0.3102, 0.3567** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.7540, 0.3153, 0.3028**, and the grayscale version is **89.9056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0632, 0.3096, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **88.2405, 0.3079, 0.3846**, and if you desaturate by 10%, it is **99.1373, 0.3124, 0.3321**.

Distribution



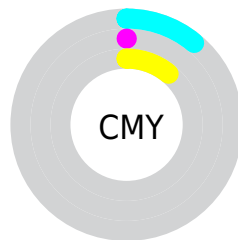
- Red (89%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- 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 93.2902, 0.3102, 0.3567 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 93.2902, 0.3102, 0.3567 by changing the saturation by 10% instead.


 93.2902, 0.3102,
0.3567

 93.2902, 0.3102,
0.3567


538.6766, 0.3114,
0.3442

 70.7127, 0.3099,
0.3595


151.9003, 0.3106,
0.3524

 52.1078, 0.3095,
0.3629


188.7018, 0.3108,
0.3507

 37.0910, 0.3090,
0.3672


231.0133, 0.3110,
0.3493

 25.2780, 0.3084,
0.3727

279.2194, 0.3111,
0.3480

 16.2843, 0.3075,
0.3800

333.7044, 0.3112,
0.3469

 9.7255, 0.3061,
0.3903

394.8526, 0.3113,

 5.2174, 0.3039,

0.3459

0.4057

463.0486, 0.3114,
0.3450

■ 2.3754, 0.2997,
0.4314

■ 0.8132, 0.2946,
0.5641

■ 93.2902, 0.3102,
0.3567

■ 93.2902, 0.3102,
0.3567

■ 88.2405, 0.3079,
0.3846

■ 99.1373, 0.3124,
0.3321

■ 83.9495, 0.3055,
0.4155

100.0000, 0.3127,
0.3290

■ 80.3818, 0.3032,
0.4488

■ 77.4975, 0.3012,
0.4832

■ 75.2529, 0.2996,
0.5168

■ 73.5992, 0.2986,
0.5471

■ 72.4804, 0.2982,
0.5716

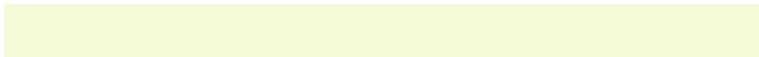
■ 71.8298, 0.2986,
0.5886

■ 71.5616, 0.2991,
0.5969

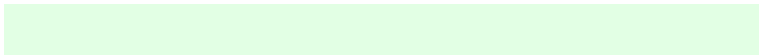
Harmonies

Analogous

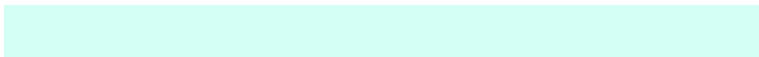
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2902, 0.3293, 0.3628



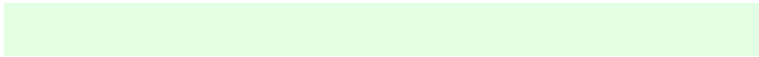
93.2902, 0.3102, 0.3567



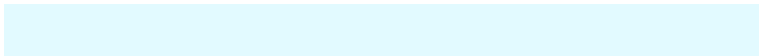
93.2902, 0.2922, 0.3424

Triad

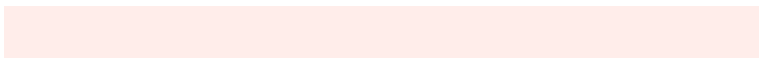
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.2902, 0.3102, 0.3567



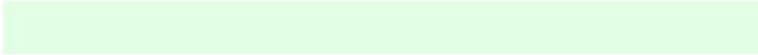
93.2902, 0.2818, 0.2989



93.2902, 0.3466, 0.3319

Complementary

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



93.2902, 0.3102, 0.3567



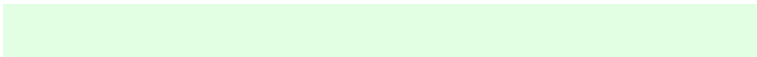
82.7540, 0.3153, 0.3028

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.



93.2902, 0.3332, 0.3159



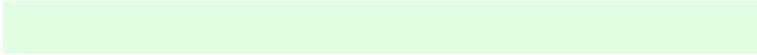
93.2902, 0.3102, 0.3567



93.2902, 0.2956, 0.2972

Square

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



93.2902, 0.3102, 0.3567



93.2902, 0.2762, 0.3087



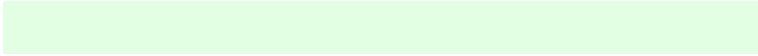
93.2902, 0.3143, 0.3034



93.2902, 0.3507, 0.3477

Rectangle

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



93.2902, 0.3102, 0.3567



93.2902, 0.2832, 0.3306



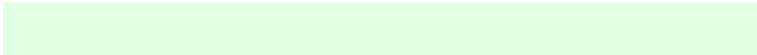
93.2902, 0.3143, 0.3034



93.2902, 0.3430, 0.3264

Sweetspot

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



93.2917, 0.3102, 0.3567



98.1271, 0.3121, 0.3359



97.9071, 0.3285, 0.3573



20.8988, 0.3119, 0.3378



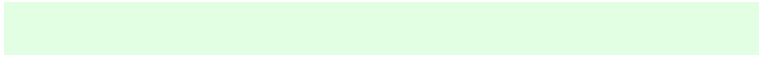
0.0000, 0.0000, 0.0000



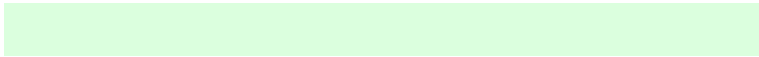
21.4041, 0.3127, 0.3290

Same Dimension

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



93.2917, 0.3102, 0.3567



91.8860, 0.3096, 0.3637



94.1283, 0.3021, 0.3417



20.1882, 0.3106, 0.3519



37.3998, 0.2988, 0.5958



3.6482, 0.2962, 0.5863

Inverse Universe

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



82.7540, 0.3153, 0.3028



79.1443, 0.3159, 0.2966



81.8672, 0.3247, 0.3167



18.2778, 0.3149, 0.3071



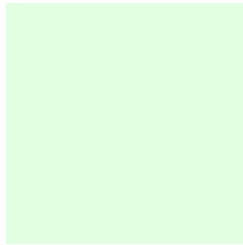
14.3328, 0.3388, 0.1640



1.4017, 0.3365, 0.1628

Previews

White Background



This preview shows how the Yxy color 93.2902, 0.3102, 0.3567 looks on a white background.

Color Contrast Check

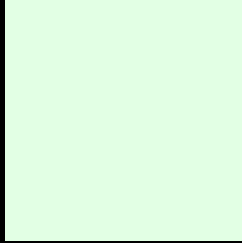
Large Text (above 18pt) WCAG AA × Fail

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 93.2902, 0.3102, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

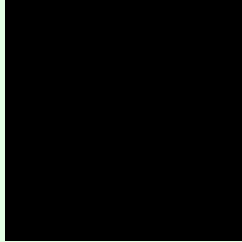
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

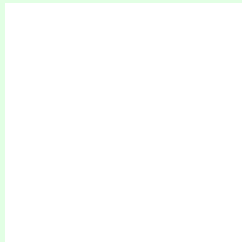
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2902, 0.3102, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 93.2902, 0.3102, 0.3567.

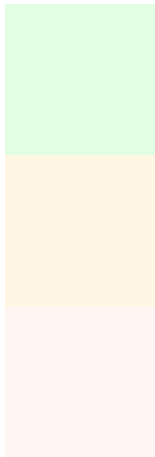


This preview shows how white text looks on a background with the Yxy color 93.2902, 0.3102, 0.3567.

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

93.2902, 0.3102, 0.3567

Protanopia

92.7730, 0.3296, 0.3466

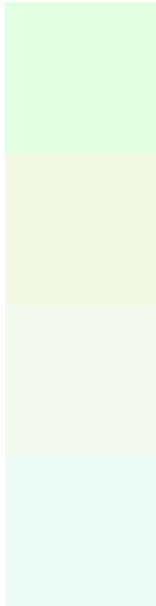
Deuteranopia

93.0359, 0.3204, 0.3310

Tritanopia

93.2320, 0.3049, 0.3221

Trichromacy



Original Color

93.2902, 0.3102, 0.3567

Protanomaly

92.5859, 0.3220, 0.3500

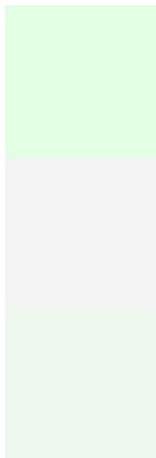
Deuteranomaly

93.1575, 0.3160, 0.3399

Tritanomaly

93.4198, 0.3068, 0.3350

Monochromacy



Original Color

93.2902, 0.3102, 0.3567

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6991, 0.3117, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2902, 0.3102, 0.3567 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(226, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 228)  
}
```

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(226, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 228) }
```

Border

The CSS property to change the border of an element to Yxy 93.2902, 0.3102, 0.3567 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(226, 255, 228) }
```

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

```
.border{ border-color:rgb(226, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2902, 0.3102, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 228) }
```

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

```
.background{ background-color: rgb(226,  
255, 228) }
```

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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