

Converting Colors

Yxy(100.0000, 0.3001, 0.3656)

Have a look what the booklet for
Yxy(100.0000, 0.3001, 0.3656)
contains.

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Color

Yxy(91.4923, 0.3001, 0.3530)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D5FFE8 |
| RGB | 213, 255, 232 |
| RGB Percent | 84%, 100%, 91% |
| CMY | 0.1644, 0.0000, 0.0902 |
| CMYK | 0.16, 0.00, 0.09, 0.00 |
| HSL | 147°, 100%, 92% |
| HSV | 147°, 16%, 100% |
| XYZ | 77.7814, 91.4923, 89.9113 |
| YIQ | 239.8200, -17.6490, -16.0570 |

Conversions

Conversions Part 2

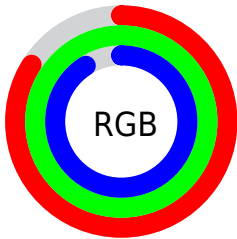
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 213, 242, 255 |
| Decimal | 14024680 |
| CIE _{Lab} | 96.61, -17.72, 6.52 |
| CIE _{LCh} | 97, 18.881, 159.786 |
| Yxy | 91.4923, 0.3001, 0.3530 |
| Android (android.graphics.Color) | 4292214760 (0xFFD5FFE8) |
| YUV | 239.8200, -3.8553, -23.5211 |
| Hunter-Lab | 95.6516, -22.2387, 11.2243 |

Details

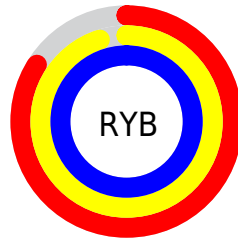
The Yxy color **91.4923, 0.3001, 0.3530** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.9395, 0.3276, 0.3062**, and the grayscale version is **87.0422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7919, 0.2976, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **87.2135, 0.2928, 0.3698**, and if you desaturate by 10%, it is **96.4415, 0.3077, 0.3379**.

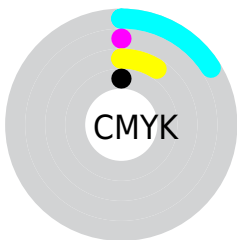
Distribution



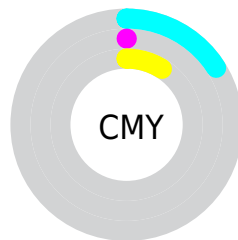
- Red (84%)
- Green (100%)
- Blue (91%)



- Red (84%)
- Yellow (95%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4923, 0.3001, 0.3530 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 91.4923, 0.3001, 0.3530 by changing the saturation by 10% instead.


 91.4923, 0.3001,
0.3530

 91.4923, 0.3001,
0.3530


532.8734, 0.3058,
0.3421

 69.2190, 0.2988,
0.3554

149.4095, 0.3021,
0.3493

 50.8901, 0.2973,
0.3584


185.8223, 0.3028,
0.3478

 36.1212, 0.2953,
0.3621


227.7170, 0.3035,
0.3466

 24.5278, 0.2928,
0.3669

275.4780, 0.3041,
0.3455

 15.7256, 0.2895,
0.3734

329.4898, 0.3046,
0.3445

 9.3302, 0.2848,
0.3824

390.1366, 0.3050,

 4.9572, 0.2777,

0.3436

457.8031, 0.3054,
0.3428

0.3961

■ 2.2222, 0.2658,
0.4190

■ 0.7320, 0.1970,
0.5478

■ 91.4923, 0.3001,
0.3530

■ 91.4923, 0.3001,
0.3530

■ 87.2135, 0.2928,
0.3698

■ 96.4415, 0.3077,
0.3379


■ 83.5642, 0.2862,
0.3883


99.9930, 0.3127,
0.3290


■ 80.5165, 0.2804,
0.4083


■ 78.0360, 0.2760,
0.4294

 76.0845, 0.2732,
0.4511

 74.6189, 0.2723,
0.4728

 73.5891, 0.2735,
0.4938

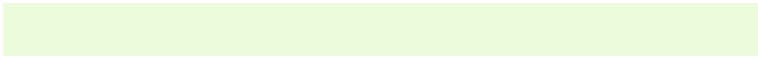
 72.9325, 0.2765,
0.5134

 72.7559, 0.2778,
0.5200

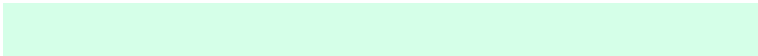
Harmonies

Analogous

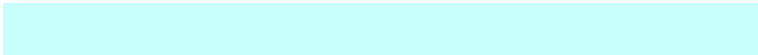
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4923, 0.3212, 0.3645



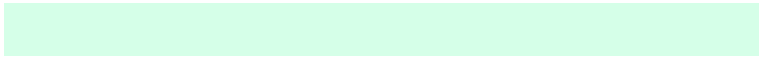
91.4923, 0.3001, 0.3530



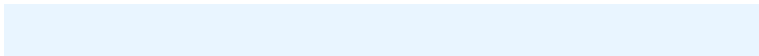
91.4923, 0.2828, 0.3346

Triad

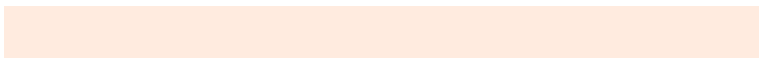
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4923, 0.3001, 0.3530



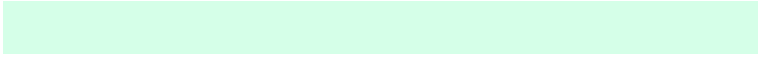
91.4923, 0.2849, 0.2939



91.4923, 0.3536, 0.3406

Complementary

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



91.4923, 0.3001, 0.3530



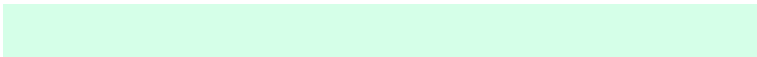
74.9395, 0.3276, 0.3062

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.



91.4923, 0.3433, 0.3226



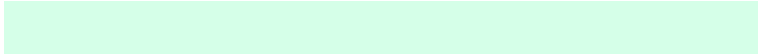
91.4923, 0.3001, 0.3530



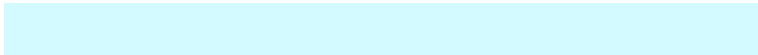
91.4923, 0.3032, 0.2963

Square

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



91.4923, 0.3001, 0.3530



91.4923, 0.2743, 0.3005



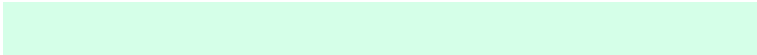
91.4923, 0.3246, 0.3067



91.4923, 0.3525, 0.3563

Rectangle

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



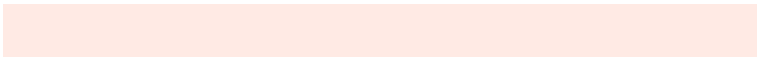
91.4923, 0.3001, 0.3530



91.4923, 0.2755, 0.3214



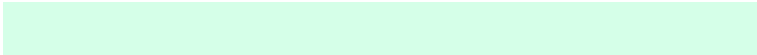
91.4923, 0.3246, 0.3067



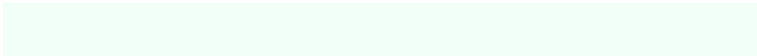
91.4923, 0.3513, 0.3346

Sweetspot

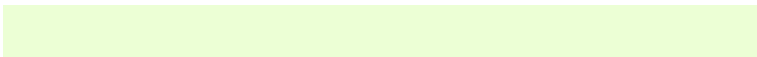
The Sweet Spot groups the original color and five complimentary colors.



91.4961, 0.3001, 0.3530



97.2195, 0.3088, 0.3358



94.1747, 0.3252, 0.3716



20.7283, 0.3083, 0.3368



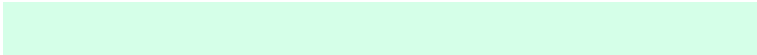
0.0000, 0.0000, 0.0000



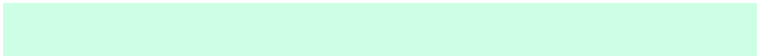
21.4041, 0.3127, 0.3290

Same Dimension

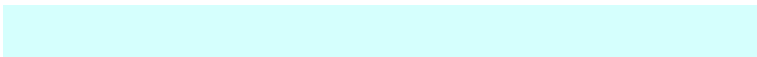
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4961, 0.3001, 0.3530



89.9060, 0.2975, 0.3588



92.7543, 0.2889, 0.3311



20.3047, 0.3054, 0.3423



38.0495, 0.2769, 0.5170



3.7264, 0.2709, 0.4951

Inverse Universe

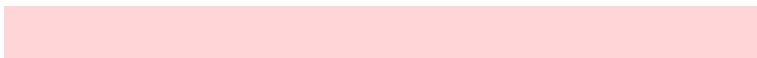
The Inverse Universe completely reimagines the original color for something new.



74.9395, 0.3276, 0.3062



70.2693, 0.3315, 0.3010



73.7955, 0.3426, 0.3270



18.1537, 0.3208, 0.3160



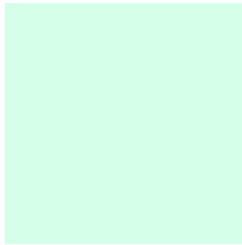
12.1252, 0.4760, 0.2396



1.2026, 0.4534, 0.2271

Previews

White Background



This preview shows how the Yxy color 91.4923, 0.3001, 0.3530 looks on a white background.

Color Contrast Check

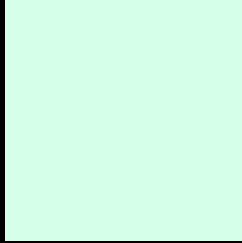
Large Text (above 18pt) WCAG AA × Fail

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 91.4923, 0.3001, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

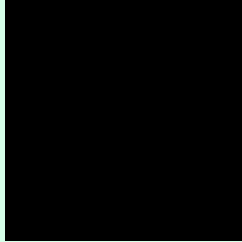
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

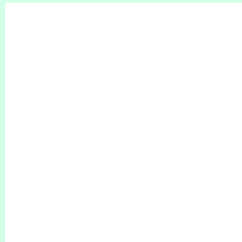
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4923, 0.3001, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 91.4923, 0.3001, 0.3530.

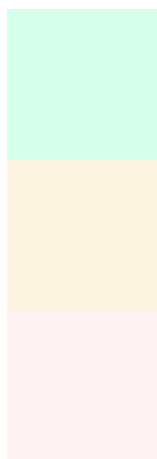


This preview shows how white text looks on a background with the Yxy color 91.4923, 0.3001, 0.3530.

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

91.4923, 0.3001, 0.3530

Protanopia

91.0750, 0.3297, 0.3468

Deuteranopia

91.1751, 0.3212, 0.3290



Tritanopia

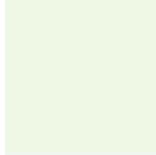
91.4037, 0.3006, 0.3210

Trichromacy



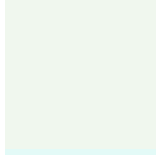
Original Color

91.4923, 0.3001, 0.3530



Protanomaly

90.9134, 0.3182, 0.3492



Deuteranomaly

91.2198, 0.3136, 0.3380



Tritanomaly

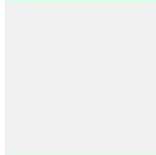
91.4175, 0.3002, 0.3320

Monochromacy



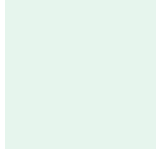
Original Color

91.4923, 0.3001, 0.3530



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.2422, 0.3079, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4923, 0.3001, 0.3530 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(213, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 232)  
}
```

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(213, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 91.4923, 0.3001, 0.3530 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(213, 255, 232) }
```

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

```
.border{ border-color:rgb(213, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 255, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 255, 232); box-shadow:4px 4px 4px 4px rgb(213, 255, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4923, 0.3001, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 232) }
```

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

```
.background{ background-color: rgb(213,  
255, 232) }
```

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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