

Converting Colors

$Yxy(93.2158, 0.2918, 0.3327)$

Have a look what the booklet for
Yxy(93.2158, 0.2918, 0.3327)
contains.

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Color

Yxy(93.2367, 0.2921, 0.3330)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9FFFB |
| RGB | 217, 255, 251 |
| RGB Percent | 85%, 100%, 98% |
| CMY | 0.1491, 0.0000, 0.0156 |
| CMYK | 0.15, 0.00, 0.02, 0.00 |
| HSL | 174°, 100%, 93% |
| HSV | 174°, 15%, 100% |
| XYZ | 81.7851, 93.2367, 104.9683 |
| YIQ | 243.1820, -21.3640, -9.3000 |

Conversions

Conversions Part 2

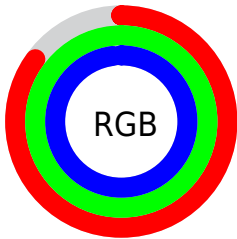
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 237, 255 |
| Decimal | 14286843 |
| CIE Lab | 97.32, -12.89, -2.19 |
| CIE LCh | 97, 13.077, 189.633 |
| Yxy | 93.2367, 0.2921, 0.3330 |
| Android (android.graphics.Color) | 4292476923 (0xFFD9FFFB) |
| YUV | 243.1820, 3.8543, -22.9616 |
| Hunter-Lab | 96.5592, -17.7899, 3.1380 |

Details

The Yxy color **93.2367, 0.2921, 0.3330** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0932, 0.3379, 0.3251**, and the grayscale version is **89.7576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0097, 0.2876, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **89.4578, 0.2793, 0.3360**, and if you desaturate by 10%, it is **97.6180, 0.3058, 0.3303**.

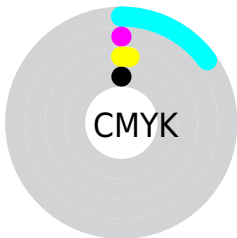
Distribution



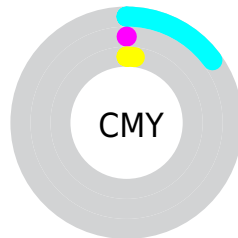
- Red (85%)
- Green (100%)
- Blue (98%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2367, 0.2921, 0.3330 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 93.2367, 0.2921, 0.3330 by changing the saturation by 10% instead.


 93.2367, 0.2921,
0.3330

 93.2367, 0.2921,
0.3330


538.5044, 0.3012,
0.3313

 70.6683, 0.2901,
0.3334


151.8263, 0.2952,
0.3324

 52.0715, 0.2877,
0.3338


188.6162, 0.2964,
0.3322

 37.0621, 0.2848,
0.3343


230.9154, 0.2974,
0.3320

 25.2556, 0.2810,
0.3350

279.1083, 0.2984,
0.3318

 16.2676, 0.2761,
0.3358

333.5792, 0.2992,
0.3317

 9.7137, 0.2693,
0.3370

394.7126, 0.2999,

 5.2095, 0.2596,

0.3315

462.8929, 0.3006,
0.3314

0.3385

2.3707, 0.2442,
0.3407

0.8108, 0.1978,
0.3519

93.2367, 0.2921,
0.3330

93.2367, 0.2921,
0.3330

89.4578, 0.2793,
0.3360

97.6180, 0.3058,
0.3303

86.2591, 0.2676,
0.3392

100.0000, 0.3127,
0.3290

83.6091, 0.2574,
0.3426

81.4752, 0.2489,
0.3461

■ 79.8216, 0.2423,
0.3497

■ 78.6079, 0.2377,
0.3533

■ 77.7867, 0.2349,
0.3570

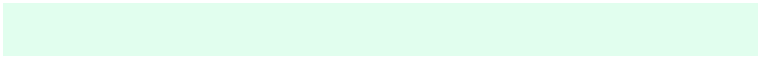
■ 77.3000, 0.2340,
0.3606

■ 77.1387, 0.2340,
0.3624

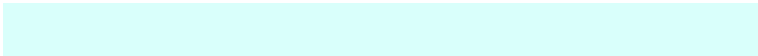
Harmonies

Analogous

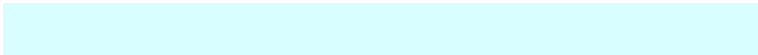
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2367, 0.3042, 0.3454



93.2367, 0.2921, 0.3330



93.2367, 0.2855, 0.3198

Triad

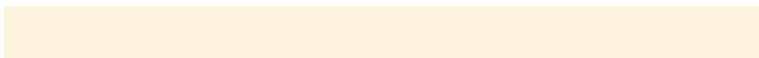
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.2367, 0.2921, 0.3330



93.2367, 0.3062, 0.3062



93.2367, 0.3401, 0.3480

Complementary

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



93.2367, 0.2921, 0.3330



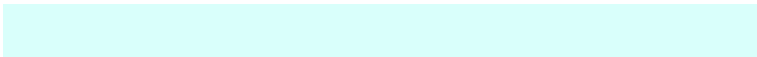
76.0932, 0.3379, 0.3251

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.



93.2367, 0.3407, 0.3372



93.2367, 0.2921, 0.3330



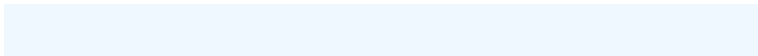
93.2367, 0.3209, 0.3134

Square

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



93.2367, 0.2921, 0.3330



93.2367, 0.2935, 0.3047



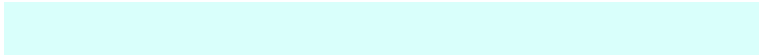
93.2367, 0.3336, 0.3246



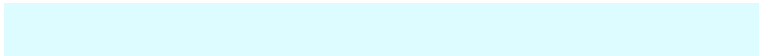
93.2367, 0.3320, 0.3540

Rectangle

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



93.2367, 0.2921, 0.3330



93.2367, 0.2850, 0.3124



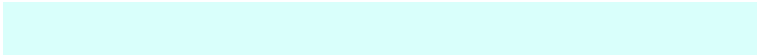
93.2367, 0.3336, 0.3246



93.2367, 0.3412, 0.3448

Sweetspot

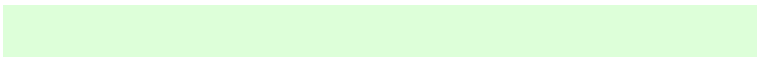
The Sweet Spot groups the original color and five complimentary colors.



93.2349, 0.2921, 0.3330



98.0480, 0.3071, 0.3300



91.9660, 0.3136, 0.3687



20.9102, 0.3060, 0.3302



0.0000, 0.0000, 0.0000



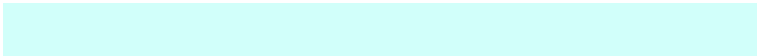
21.4041, 0.3127, 0.3290

Same Dimension

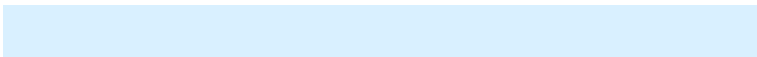
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2349, 0.2921, 0.3330



92.0043, 0.2880, 0.3339



84.5394, 0.2894, 0.3139



20.4468, 0.2994, 0.3315



40.3199, 0.2338, 0.3618



3.9348, 0.2327, 0.3577

Inverse Universe

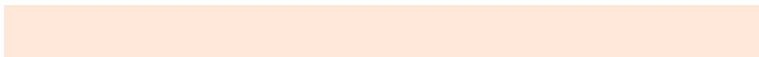
The Inverse Universe completely reimagines the original color for something new.



76.0932, 0.3379, 0.3251



71.7602, 0.3442, 0.3242



83.7310, 0.3385, 0.3436



18.0180, 0.3278, 0.3265



11.1594, 0.6281, 0.3234



1.0962, 0.6062, 0.3113

Previews

White Background



This preview shows how the Yxy color 93.2367, 0.2921, 0.3330 looks on a white background.

Color Contrast Check

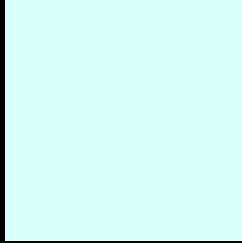
Large Text (above 18pt) WCAG AA × Fail

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 93.2367, 0.2921, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

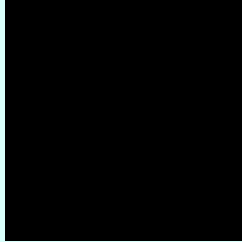
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

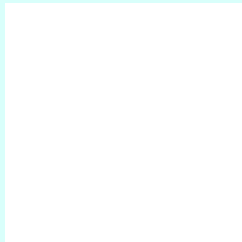
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2367, 0.2921, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 93.2367, 0.2921, 0.3330.

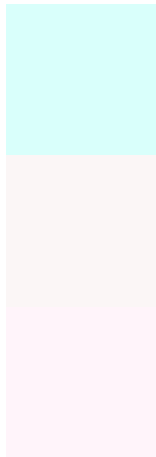


This preview shows how white text looks on a background with the Yxy color 93.2367, 0.2921, 0.3330.

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

93.2367, 0.2921, 0.3330

Protanopia

93.0746, 0.3159, 0.3290

Deuteranopia

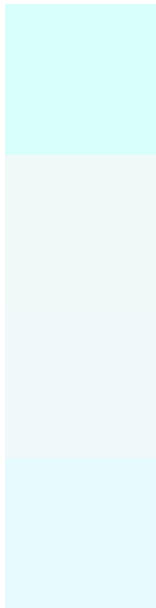
92.8635, 0.3162, 0.3232



Tritanopia

92.7055, 0.3030, 0.3221

Trichromacy



Original Color

93.2367, 0.2921, 0.3330

Protanomaly

92.8794, 0.3070, 0.3300

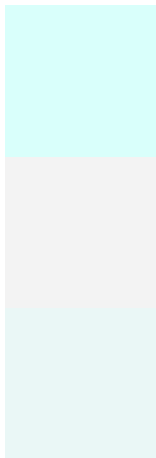
Deuteranomaly

92.7377, 0.3071, 0.3270

Tritanomaly

93.1390, 0.2987, 0.3260

Monochromacy



Original Color

93.2367, 0.2921, 0.3330

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6678, 0.3051, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2367, 0.2921, 0.3330 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(217, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 251)  
}
```

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(217, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 93.2367, 0.2921, 0.3330 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(217, 255, 251) }
```

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

```
.border{ border-color:rgb(217, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2367, 0.2921, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 251) }
```

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

```
.background{ background-color: rgb(217,  
255, 251) }
```

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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