

Converting Colors

$Yxy(93.8038, 0.2947, 0.3337)$

Have a look what the booklet for
Yxy(93.8038, 0.2947, 0.3337)
contains.

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Color

Yxy(93.7943, 0.2950, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFFA
RGB	221, 255, 250
RGB Percent	87%, 100%, 98%
CMY	0.1332, 0.0000, 0.0196
CMYK	0.13, 0.00, 0.02, 0.00
HSL	171°, 100%, 93%
HSV	171°, 13%, 100%
XYZ	82.8423, 93.7943, 104.1847
YIQ	244.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

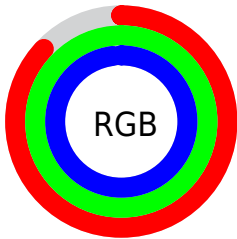
Format	Color
RYB	221, 239, 255
Decimal	14548986
CIELab	97.55, -11.82, -1.31
CIElCh	98, 11.896, 186.306
Yxy	93.7943, 0.2950, 0.3340
Android (android.graphics.Color)	4292739066 (0xFFDDFFFA)
YUV	244.2640, 2.8278, -20.4025
Hunter-Lab	96.8475, -16.7961, 4.0114

Details

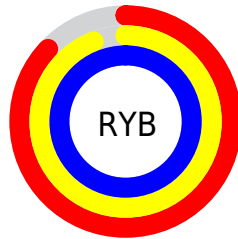
The Yxy color **93.7943, 0.2950, 0.3340** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.4833, 0.3338, 0.3241**, and the grayscale version is **90.6846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3902, 0.2912, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **89.8614, 0.2825, 0.3382**, and if you desaturate by 10%, it is **98.3476, 0.3082, 0.3302**.

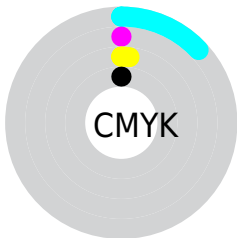
Distribution



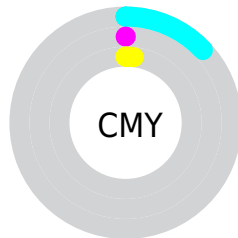
- Red (87%)
- Green (100%)
- Blue (98%)



- Red (87%)
- Yellow (94%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7943, 0.2950, 0.3340 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 93.7943, 0.2950, 0.3340 by changing the saturation by 10% instead.


 93.7943, 0.2950,
0.3340

 93.7943, 0.2950,
0.3340

540.2978, 0.3028,
0.3318

 71.1319, 0.2933,
0.3345


152.5978, 0.2976,
0.3333

 52.4498, 0.2912,
0.3350

189.5077, 0.2987,
0.3330

 37.3637, 0.2887,
0.3357


231.9356, 0.2996,
0.3327

 25.4893, 0.2854,
0.3366

280.2658, 0.3004,
0.3325

 16.4419, 0.2812,
0.3377

334.8827, 0.3011,
0.3323

 9.8374, 0.2754,
0.3393

396.1707, 0.3017,

 5.2913, 0.2670,

0.3321

0.3415

464.5143, 0.3023,
0.3320

■ 2.4192, 0.2537,
0.3448

■ 0.8357, 0.2158,
0.3567

■ 93.7943, 0.2950,
0.3340

■ 93.7943, 0.2950,
0.3340

■ 89.8614, 0.2825,
0.3382

■ 98.3476, 0.3082,
0.3302

■ 86.5098, 0.2711,
0.3427

99.9980, 0.3127,
0.3290

■ 83.7139, 0.2611,
0.3474

■ 81.4419, 0.2526,
0.3525

■ 79.6583, 0.2460,
0.3576

■ 78.3235, 0.2413,
0.3629

■ 77.3916, 0.2386,
0.3682

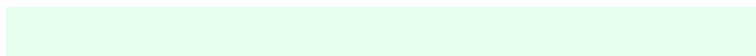
■ 76.8066, 0.2378,
0.3734

■ 76.5554, 0.2380,
0.3769

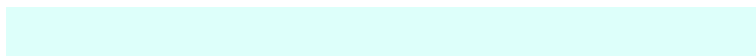
Harmonies

Analogous

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



93.7943, 0.3064, 0.3449



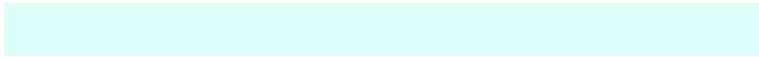
93.7943, 0.2950, 0.3340



93.7943, 0.2883, 0.3219

Triad

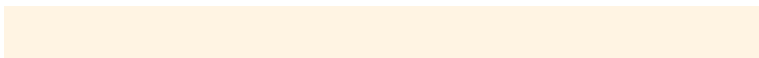
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7943, 0.2950, 0.3340



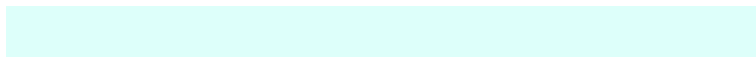
93.7943, 0.3054, 0.3078



93.7943, 0.3380, 0.3454

Complementary

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



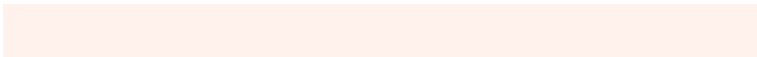
93.7943, 0.2950, 0.3340



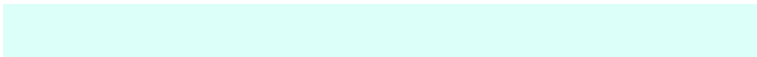
78.4833, 0.3338, 0.3241

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.



93.7943, 0.3377, 0.3352



93.7943, 0.2950, 0.3340



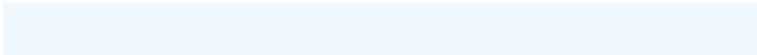
93.7943, 0.3187, 0.3139

Square

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



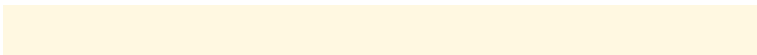
93.7943, 0.2950, 0.3340



93.7943, 0.2942, 0.3071



93.7943, 0.3306, 0.3238



93.7943, 0.3313, 0.3514

Rectangle

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



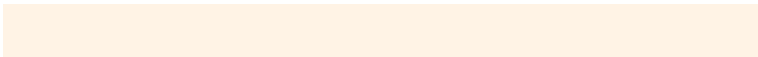
93.7943, 0.2950, 0.3340



93.7943, 0.2874, 0.3150



93.7943, 0.3306, 0.3238



93.7943, 0.3387, 0.3423

Sweetspot

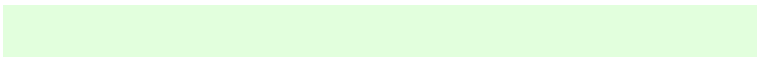
The Sweet Spot groups the original color and five complimentary colors.



93.7982, 0.2950, 0.3340



98.0204, 0.3073, 0.3304



92.9300, 0.3142, 0.3640



20.9032, 0.3063, 0.3307



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

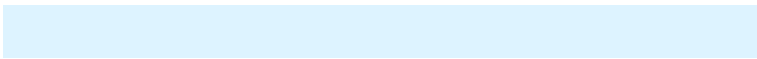
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7982, 0.2950, 0.3340



92.6862, 0.2916, 0.3351



86.7647, 0.2920, 0.3168



20.4329, 0.3000, 0.3325



40.0205, 0.2378, 0.3760



3.9086, 0.2361, 0.3700

Inverse Universe

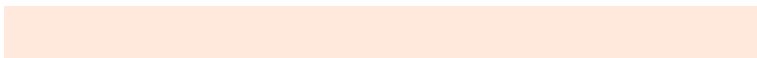
The Inverse Universe completely reimagines the original color for something new.



78.4833, 0.3338, 0.3241



74.6321, 0.3388, 0.3230



84.7153, 0.3356, 0.3409



18.0305, 0.3271, 0.3255



11.1931, 0.6204, 0.3192



1.1022, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 93.7943, 0.2950, 0.3340 looks on a white background.

Color Contrast Check

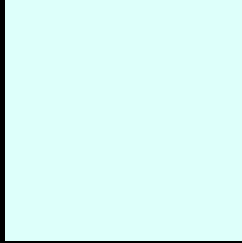
Large Text (above 18pt) WCAG AA × Fail

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 93.7943, 0.2950, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

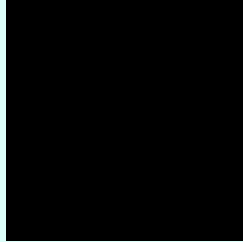
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

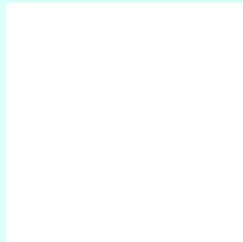
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7943, 0.2950, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 93.7943, 0.2950, 0.3340.

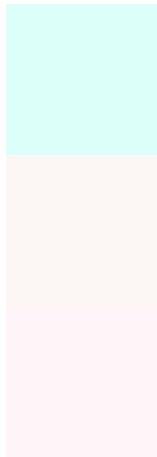


This preview shows how white text looks on a background with the Yxy color 93.7943, 0.2950, 0.3340.

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

93.7943, 0.2950, 0.3340

Protanopia

93.1996, 0.3172, 0.3300

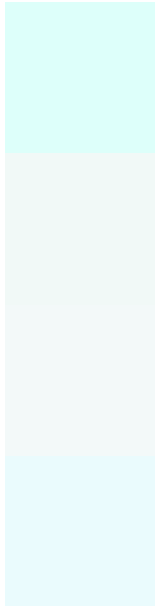
Deuteranopia

93.4044, 0.3168, 0.3252

Tritanopia

93.6721, 0.3042, 0.3231

Trichromacy



Original Color

93.7943, 0.2950, 0.3340

Protanomaly

93.1675, 0.3088, 0.3310

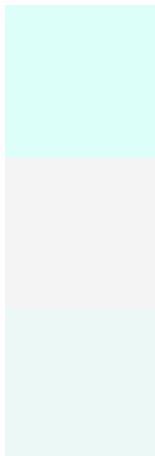
Deuteranomaly

93.6456, 0.3089, 0.3290

Tritanomaly

93.5786, 0.3011, 0.3270

Monochromacy



Original Color

93.7943, 0.2950, 0.3340

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.6215, 0.3063, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7943, 0.2950, 0.3340 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(221, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 250)  
}
```

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(221, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 93.7943, 0.2950, 0.3340 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(221, 255, 250) }
```

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

```
.border{ border-color:rgb(221, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7943, 0.2950, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 250) }
```

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

```
.background{ background-color: rgb(221,  
255, 250) }
```

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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