

Converting Colors

$Y_{xy}(100.0000, 0.2982, 0.3421)$

Have a look what the booklet for
Yxy(100.0000, 0.2982, 0.3421)
contains.

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Color

Yxy(94.5909, 0.2979, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFFA
RGB	226, 255, 250
RGB Percent	89%, 100%, 98%
CMY	0.1139, 0.0000, 0.0196
CMYK	0.11, 0.00, 0.02, 0.00
HSL	170°, 100%, 94%
HSV	170°, 11%, 100%
XYZ	84.3672, 94.5909, 104.2482
YIQ	245.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

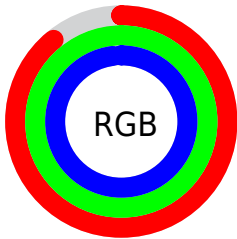
Format	Color
R _Y B	226, 242, 255
Decimal	14876666
CIE Lab	97.87, -10.29, -0.79
CIE LCh	98, 10.324, 184.411
Yxy	94.5909, 0.2979, 0.3340
Android (android.graphics.Color)	4293066746 (0xFFE2FFFA)
YUV	245.7590, 2.0908, -17.3286
Hunter-Lab	97.2579, -15.3599, 4.5290

Details

The Yxy color **94.5909, 0.2979, 0.3340** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.3944, 0.3298, 0.3241**, and the grayscale version is **91.9333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8293, 0.2941, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **90.4912, 0.2856, 0.3388**, and if you desaturate by 10%, it is **99.2942, 0.3109, 0.3296**.

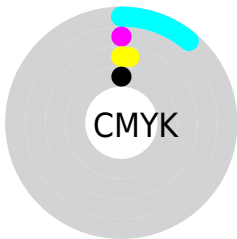
Distribution



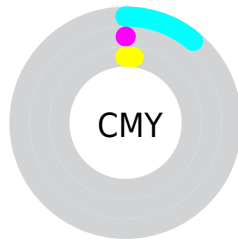
- Red (89%)
- Green (100%)
- Blue (98%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.5909, 0.2979, 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 94.5909, 0.2979, 0.3340 by changing the saturation by 10% instead.

 94.5909, 0.2979,
0.3340

 94.5909, 0.2979,
0.3340


542.8545, 0.3044,
0.3318

 71.7945, 0.2965,
0.3345


153.6993, 0.3001,
0.3333

 52.9908, 0.2948,
0.3350


190.7801, 0.3010,
0.3330

 37.7955, 0.2926,
0.3357


233.3912, 0.3017,
0.3327

 25.8240, 0.2899,
0.3366

281.9169, 0.3024,
0.3325

 16.6920, 0.2864,
0.3378

336.7417, 0.3030,
0.3323

 10.0151, 0.2815,
0.3394

398.2500, 0.3035,

 5.4090, 0.2745,

0.3321

0.3416

466.8261, 0.3040,
0.3320

■ 2.4892, 0.2635,
0.3452

■ 0.8712, 0.2352,
0.3552

■ 94.5909, 0.2979,
0.3340

■ 94.5909, 0.2979,
0.3340

■ 90.4912, 0.2856,
0.3388

■ 99.2942, 0.3109,
0.3296

■ 86.9918, 0.2742,
0.3440

100.0000, 0.3127,
0.3290

■ 84.0558, 0.2641,
0.3496

■ 81.6517, 0.2555,
0.3555

■ 79.7449, 0.2487,
0.3616

■ 78.2965, 0.2439,
0.3679

■ 77.2622, 0.2410,
0.3741

■ 76.5884, 0.2401,
0.3804

■ 76.2263, 0.2405,
0.3857

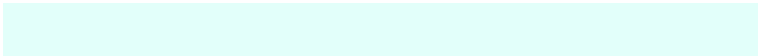
Harmonies

Analogous

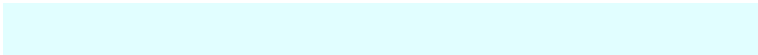
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5909, 0.3080, 0.3432



94.5909, 0.2979, 0.3340



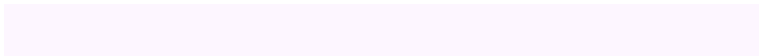
94.5909, 0.2918, 0.3236

Triad

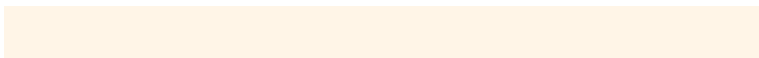
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.5909, 0.2979, 0.3340



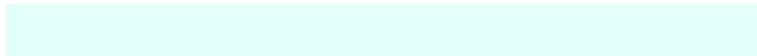
94.5909, 0.3057, 0.3104



94.5909, 0.3347, 0.3427

Complementary

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



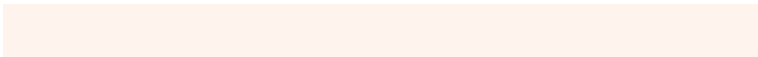
94.5909, 0.2979, 0.3340



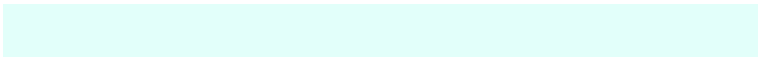
81.3944, 0.3298, 0.3241

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.



94.5909, 0.3341, 0.3338



94.5909, 0.2979, 0.3340



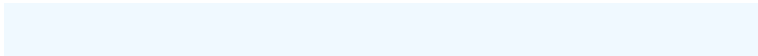
94.5909, 0.3172, 0.3154

Square

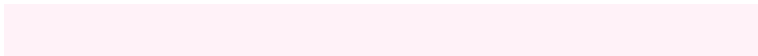
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.5909, 0.2979, 0.3340



94.5909, 0.2962, 0.3101



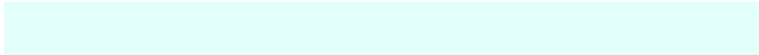
94.5909, 0.3277, 0.3239



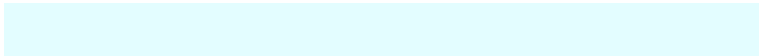
94.5909, 0.3293, 0.3482

Rectangle

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



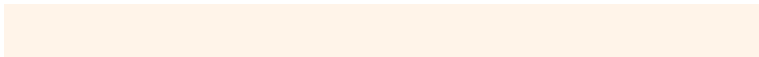
94.5909, 0.2979, 0.3340



94.5909, 0.2907, 0.3174



94.5909, 0.3277, 0.3239



94.5909, 0.3352, 0.3400

Sweetspot

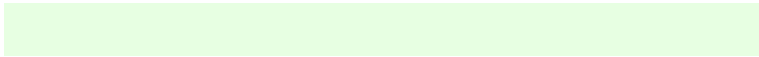
The Sweet Spot groups the original color and five complimentary colors.



94.5830, 0.2979, 0.3340



98.4932, 0.3088, 0.3303



94.0437, 0.3146, 0.3585



20.9975, 0.3077, 0.3306



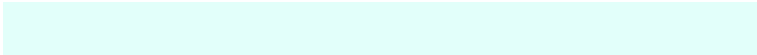
0.0000, 0.0000, 0.0000



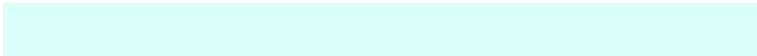
21.4041, 0.3127, 0.3290

Same Dimension

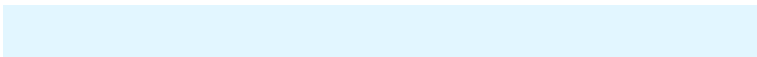
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5830, 0.2979, 0.3340



93.4568, 0.2946, 0.3352



89.1723, 0.2950, 0.3197



20.4246, 0.3003, 0.3331



39.8496, 0.2402, 0.3847



3.8935, 0.2382, 0.3776

Inverse Universe

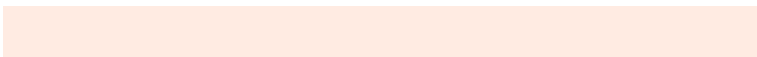
The Inverse Universe completely reimagines the original color for something new.



81.3944, 0.3298, 0.3241



77.5406, 0.3344, 0.3229



86.2518, 0.3321, 0.3382



18.0381, 0.3267, 0.3249



11.2184, 0.6149, 0.3161



1.1058, 0.5865, 0.3005

Previews

White Background



This preview shows how the Yxy color 94.5909, 0.2979, 0.3340 looks on a white background.

Color Contrast Check

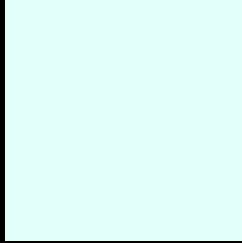
Large Text (above 18pt) WCAG AA × Fail

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 94.5909, 0.2979, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

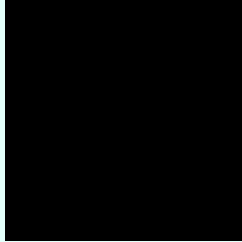
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

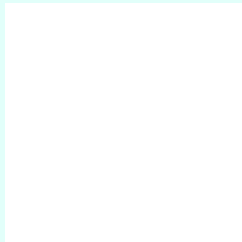
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.5909, 0.2979, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 94.5909, 0.2979, 0.3340.



This preview shows how white text looks on a background with the Yxy color 94.5909, 0.2979, 0.3340.

Color Blindness Simulation

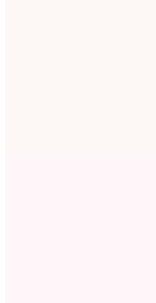
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.5909, 0.2979, 0.3340



Protanopia

94.0580, 0.3172, 0.3300

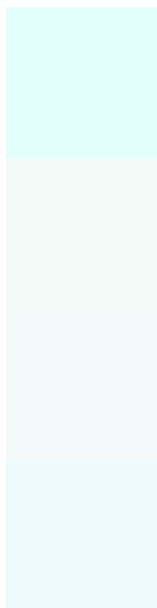
Deuteranopia

94.0737, 0.3161, 0.3252

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.5909, 0.2979, 0.3340

Protanomaly

94.1413, 0.3101, 0.3319

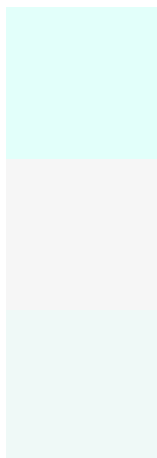
Deuteranomaly

93.8866, 0.3090, 0.3280

Tritanomaly

94.0907, 0.3029, 0.3270

Monochromacy



Original Color

94.5909, 0.2979, 0.3340

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.8175, 0.3076, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5909, 0.2979, 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(226, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 94.5909, 0.2979, 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(226, 255, 250) }
```

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

```
.border{ border-color:rgb(226, 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(226, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5909, 0.2979, 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(226, 255, 250) }
```

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

```
.background{ background-color: rgb(226,  
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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