

Converting Colors

$Y_{xy}(100.0000, 0.2967, 0.3408)$

Have a look what the booklet for
Yxy(100.0000, 0.2967, 0.3408)
contains.

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Color

Yxy(94.4926, 0.2968, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFFB
RGB	225, 255, 251
RGB Percent	88%, 100%, 98%
CMY	0.1177, 0.0000, 0.0158
CMYK	0.12, 0.00, 0.02, 0.00
HSL	172°, 100%, 94%
HSV	172°, 12%, 100%
XYZ	84.2204, 94.4926, 105.0485
YIQ	245.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

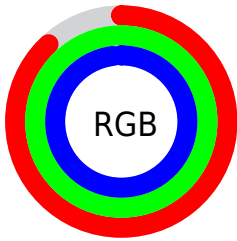
Format	Color
R_{YB}	225, 241, 255
Decimal	14811131
CIE _{Lab}	97.83, -10.40, -1.37
CIE _{LCh}	98, 10.491, 187.477
Yxy	94.4926, 0.2968, 0.3330
Android (android.graphics.Color)	4293001211 (0xFFE1FFFB)
YUV	245.5740, 2.6750, -18.0434
Hunter-Lab	97.2073, -15.4603, 3.9725

Details

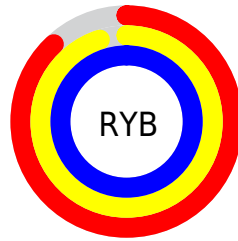
The Yxy color **94.4926, 0.2968, 0.3330** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.7681, 0.3313, 0.3251**, and the grayscale version is **91.7822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.7633, 0.2927, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **90.4807, 0.2840, 0.3367**, and if you desaturate by 10%, it is **99.1175, 0.3103, 0.3296**.

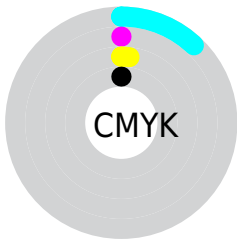
Distribution



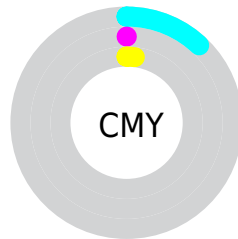
- Red (88%)
- Green (100%)
- Blue (98%)



- Red (88%)
- Yellow (95%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.4926, 0.2968, 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 94.4926, 0.2968, 0.3330 by changing the saturation by 10% instead.


 94.4926, 0.2968,
0.3330

 94.4926, 0.2968,
0.3330

542.5393, 0.3038,
0.3313

 71.7127, 0.2953,
0.3334

153.5634, 0.2992,
0.3324

 52.9241, 0.2934,
0.3338


190.6232, 0.3001,
0.3322

 37.7421, 0.2911,
0.3344


233.2117, 0.3009,
0.3320

 25.7826, 0.2882,
0.3351

281.7133, 0.3016,
0.3318

 16.6611, 0.2845,
0.3360

336.5125, 0.3023,
0.3317

 9.9932, 0.2793,
0.3372

397.9937, 0.3028,

 5.3944, 0.2718,

0.3315

0.3389

466.5411, 0.3034,
0.3314

■ 2.4805, 0.2600,
0.3415

■ 0.8668, 0.2300,
0.3498

■ 94.4926, 0.2968,
0.3330

■ 94.4926, 0.2968,
0.3330

■ 90.4807, 0.2840,
0.3367

■ 99.1175, 0.3103,
0.3296

■ 87.0591, 0.2723,
0.3408

100.0000, 0.3127,
0.3290

■ 84.1972, 0.2619,
0.3451

■ 81.8635, 0.2531,
0.3496

■ 80.0233, 0.2461,
0.3543

■ 78.6377, 0.2410,
0.3590

■ 77.6618, 0.2379,
0.3638

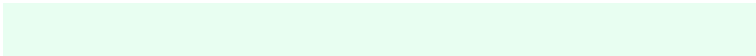
■ 77.0419, 0.2367,
0.3685

■ 76.7313, 0.2368,
0.3724

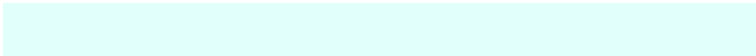
Harmonies

Analogous

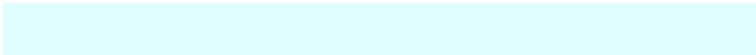
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4926, 0.3067, 0.3426



94.4926, 0.2968, 0.3330



94.4926, 0.2911, 0.3224

Triad

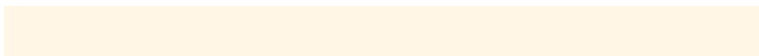
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.4926, 0.2968, 0.3330



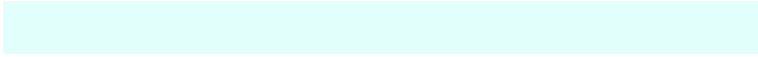
94.4926, 0.3067, 0.3104



94.4926, 0.3348, 0.3437

Complementary

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



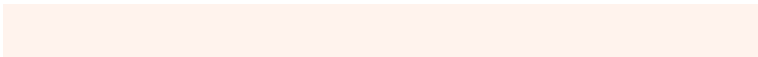
94.4926, 0.2968, 0.3330



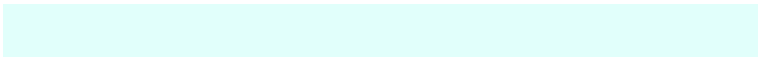
80.7681, 0.3313, 0.3251

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.



94.4926, 0.3348, 0.3349



94.4926, 0.2968, 0.3330



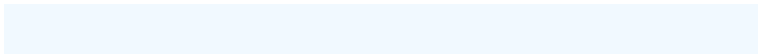
94.4926, 0.3185, 0.3160

Square

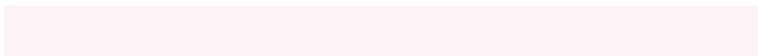
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



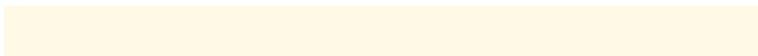
94.4926, 0.2968, 0.3330



94.4926, 0.2968, 0.3096



94.4926, 0.3288, 0.3248



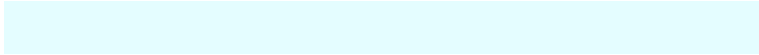
94.4926, 0.3287, 0.3488

Rectangle

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



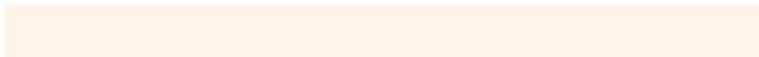
94.4926, 0.2968, 0.3330



94.4926, 0.2904, 0.3164



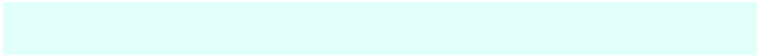
94.4926, 0.3288, 0.3248



94.4926, 0.3355, 0.3411

Sweetspot

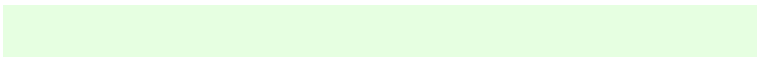
The Sweet Spot groups the original color and five complimentary colors.



94.4912, 0.2968, 0.3330



98.0288, 0.3072, 0.3303



93.6964, 0.3141, 0.3596



20.9053, 0.3062, 0.3306



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

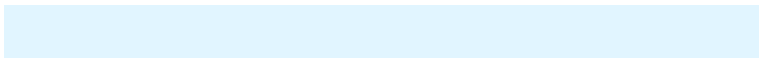
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.4912, 0.2968, 0.3330



93.5423, 0.2939, 0.3338



88.2299, 0.2944, 0.3183



20.4371, 0.2998, 0.3322



40.1100, 0.2366, 0.3716



3.9165, 0.2351, 0.3662

Inverse Universe

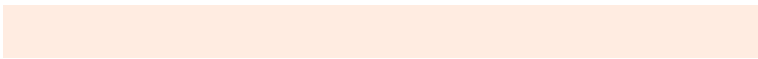
The Inverse Universe completely reimagines the original color for something new.



80.7681, 0.3313, 0.3251



77.4661, 0.3354, 0.3243



86.3992, 0.3327, 0.3394



18.0267, 0.3273, 0.3258



11.1817, 0.6230, 0.3206



1.1003, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 94.4926, 0.2968, 0.3330 looks on a white background.

Color Contrast Check

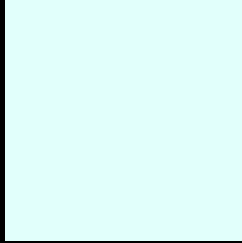
Large Text (above 18pt) WCAG AA × Fail

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 94.4926, 0.2968, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

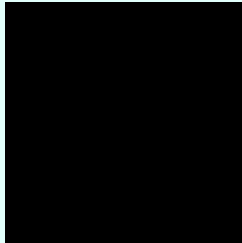
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

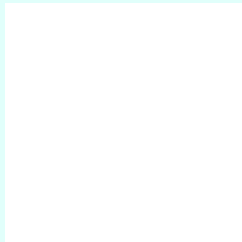
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.4926, 0.2968, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 94.4926, 0.2968, 0.3330.



This preview shows how white text looks on a background with the Yxy color 94.4926, 0.2968, 0.3330.

Color Blindness Simulation

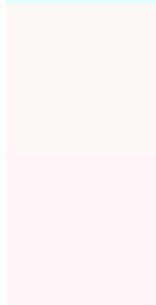
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.4926, 0.2968, 0.3330



Protanopia

94.0580, 0.3172, 0.3300

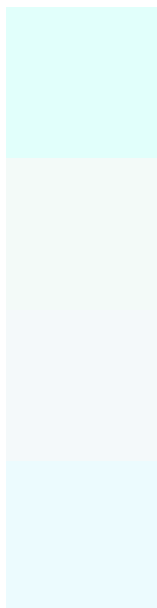
Deuteranopia

94.0737, 0.3161, 0.3252

Tritanopia

94.0260, 0.3055, 0.3231

Trichromacy



Original Color

94.4926, 0.2968, 0.3330

Protanomaly

94.2032, 0.3095, 0.3310

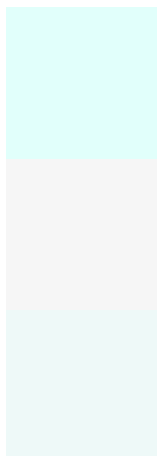
Deuteranomaly

93.8866, 0.3090, 0.3280

Tritanomaly

93.9830, 0.3017, 0.3260

Monochromacy



Original Color

94.4926, 0.2968, 0.3330

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.7058, 0.3064, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4926, 0.2968, 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(225, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 94.4926, 0.2968, 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(225, 255, 251) }
```

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

```
.border{ border-color:rgb(225, 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(225, 255, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4926, 0.2968, 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(225, 255, 251) }
```

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

```
.background{ background-color: rgb(225,  
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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