

Converting Colors

Yxy(95.2365, 0.3018, 0.3336)

Have a look what the booklet for
Yxy(95.2365, 0.3018, 0.3336)
contains.

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Color

Yxy(94.9416, 0.3015, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	E8FEFA
RGB	232, 254, 250
RGB Percent	91%, 100%, 98%
CMY	0.0901, 0.0039, 0.0195
CMYK	0.09, 0.00, 0.02, 0.00
HSL	169°, 92%, 95%
HSV	169°, 9%, 100%
XYZ	85.9865, 94.9416, 104.2675
YIQ	246.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

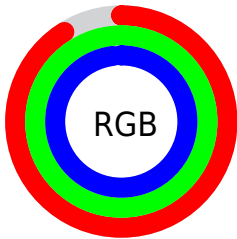
Format	Color
R _Y B	232, 244, 254
Decimal	15269626
CIE Lab	98.01, -7.84, -0.56
CIE LCh	98, 7.865, 184.112
Yxy	94.9416, 0.3015, 0.3329
Android (android.graphics.Color)	4293459706 (0xFFE8FEFA)
YUV	246.9660, 1.4958, -13.1252
Hunter-Lab	97.4380, -12.9949, 4.7609

Details

The Yxy color **94.9416, 0.3015, 0.3329** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8529, 0.3252, 0.3251**, and the grayscale version is **92.9851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0577, 0.2986, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **90.7136, 0.2891, 0.3378**, and if you desaturate by 10%, it is **99.3359, 0.3130, 0.3284**.

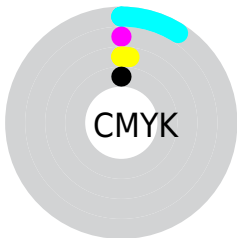
Distribution



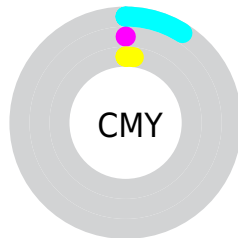
- Red (91%)
- Green (100%)
- Blue (98%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9416, 0.3015, 0.3329 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 94.9416, 0.3015, 0.3329 by changing the saturation by 10% instead.


 94.9416, 0.3015,
0.3329

 94.9416, 0.3015,
0.3329


543.9780, 0.3064,
0.3312

 72.0864, 0.3004,
0.3333


154.1839, 0.3032,
0.3323

 53.2292, 0.2991,
0.3337


191.3398, 0.3038,
0.3321

 37.9858, 0.2975,
0.3343


234.0313, 0.3044,
0.3319

 25.9717, 0.2955,
0.3350

282.6430, 0.3049,
0.3317

 16.8024, 0.2928,
0.3359

337.5590, 0.3054,
0.3316

 10.0937, 0.2891,
0.3371

399.1640, 0.3058,

 5.4612, 0.2838,

0.3314

0.3389

467.8422, 0.3061,
0.3313

■ 2.5203, 0.2754,
0.3417

■ 0.8868, 0.2561,
0.3486

■ 94.9416, 0.3015,
0.3329

■ 94.9416, 0.3015,
0.3329

■ 90.7136, 0.2891,
0.3378


99.3359, 0.3130,
0.3284


■ 87.0765, 0.2775,
0.3432

99.3608, 0.3128,
0.3280


■ 84.0063, 0.2671,
0.3490


■ 81.4724, 0.2582,
0.3550

 79.4415, 0.2509,
0.3614

 77.8764, 0.2456,
0.3679

 76.7349, 0.2422,
0.3745

 75.9668, 0.2408,
0.3810

 75.5005, 0.2411,
0.3875

Harmonies

Analogous

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



94.9416, 0.3092, 0.3398



94.9416, 0.3015, 0.3329



94.9416, 0.2968, 0.3250

Triad

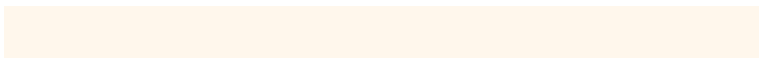
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.9416, 0.3015, 0.3329



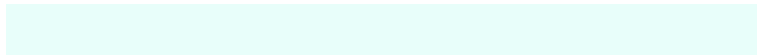
94.9416, 0.3073, 0.3148



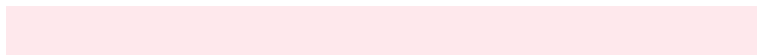
94.9416, 0.3294, 0.3394

Complementary

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



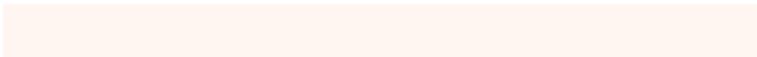
94.9416, 0.3015, 0.3329



84.8529, 0.3252, 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.



94.9416, 0.3289, 0.3327



94.9416, 0.3015, 0.3329



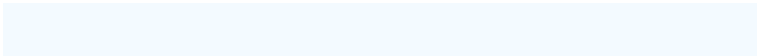
94.9416, 0.3161, 0.3186

Square

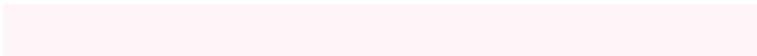
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



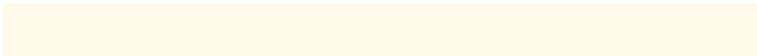
94.9416, 0.3015, 0.3329



94.9416, 0.3001, 0.3146



94.9416, 0.3240, 0.3251



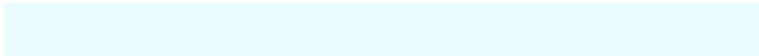
94.9416, 0.3254, 0.3435

Rectangle

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



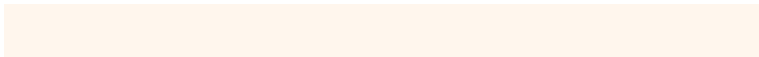
94.9416, 0.3015, 0.3329



94.9416, 0.2959, 0.3203



94.9416, 0.3240, 0.3251



94.9416, 0.3298, 0.3374

Sweetspot

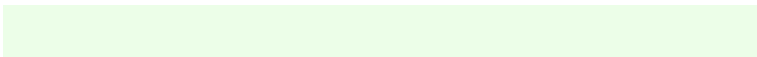
The Sweet Spot groups the original color and five complimentary colors.



94.9456, 0.3015, 0.3329



98.4895, 0.3088, 0.3303



94.5506, 0.3142, 0.3511



20.9965, 0.3077, 0.3307



0.0000, 0.0000, 0.0000



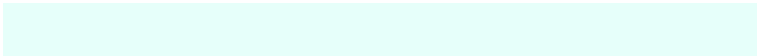
21.4041, 0.3127, 0.3290

Same Dimension

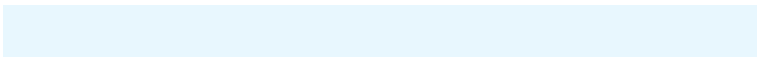
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9456, 0.3015, 0.3329



95.1882, 0.2998, 0.3335



90.8607, 0.2993, 0.3220



20.4220, 0.3004, 0.3333



39.7988, 0.2409, 0.3873



3.8890, 0.2389, 0.3799

Inverse Universe

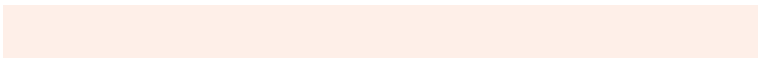
The Inverse Universe completely reimagines the original color for something new.



84.8529, 0.3252, 0.3251



83.5215, 0.3274, 0.3245



88.6207, 0.3271, 0.3359



18.0405, 0.3266, 0.3247



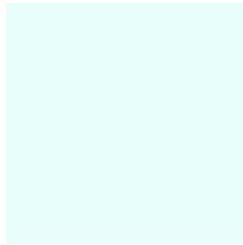
11.2268, 0.6130, 0.3151



1.1069, 0.5843, 0.2992

Previews

White Background



This preview shows how the Yxy color 94.9416, 0.3015, 0.3329 looks on a white background.

Color Contrast Check

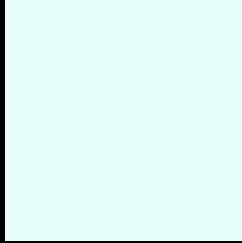
Large Text (above 18pt) WCAG AA × Fail

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 94.9416, 0.3015, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

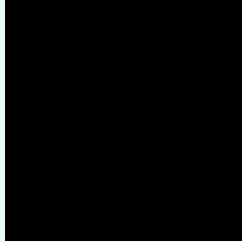
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

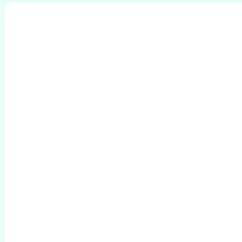
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9416, 0.3015, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 94.9416, 0.3015, 0.3329.

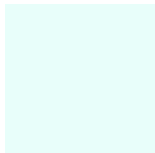


This preview shows how white text looks on a background with the Yxy color 94.9416, 0.3015, 0.3329.

Color Blindness Simulation

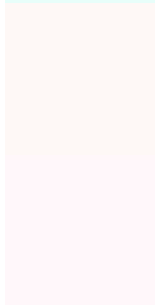
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.9416, 0.3015, 0.3329



Protanopia

94.8595, 0.3177, 0.3309

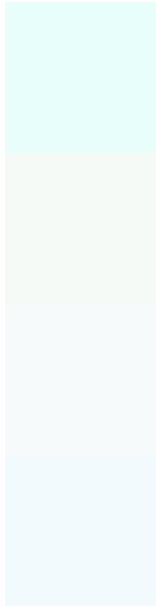
Deuteranopia

94.6837, 0.3160, 0.3261

Tritanopia

95.1840, 0.3073, 0.3241

Trichromacy



Original Color

94.9416, 0.3015, 0.3329

Protanomaly

94.6794, 0.3119, 0.3319

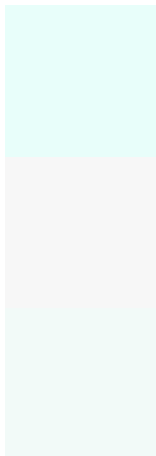
Deuteranomaly

95.0475, 0.3108, 0.3290

Tritanomaly

94.7870, 0.3053, 0.3270

Monochromacy



Original Color

94.9416, 0.3015, 0.3329

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

94.0258, 0.3089, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9416, 0.3015, 0.3329 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(232, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(232, 254, 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(232, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 254, 250) }
```

Border

The CSS property to change the border of an element to Yxy 94.9416, 0.3015, 0.3329 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(232, 254, 250) }
```

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

```
.border{ border-color:rgb(232, 254, 250) }
```

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

Here you see how a box with a 4 pixel rgb(232, 254, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 254,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9416, 0.3015, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 254, 250) }
```

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

```
.background{ background-color: rgb(232,  
254, 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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