

Converting Colors

$Y_{xy}(100.0000, 0.3013, 0.3411)$

Have a look what the booklet for
Yxy(100.0000, 0.3013, 0.3411)
contains.

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Color

Yxy(95.4111, 0.3009, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFFA
RGB	231, 255, 250
RGB Percent	91%, 100%, 98%
CMY	0.0940, 0.0000, 0.0195
CMYK	0.09, 0.00, 0.02, 0.00
HSL	168°, 100%, 95%
HSV	168°, 9%, 100%
XYZ	85.9814, 95.4111, 104.3550
YIQ	247.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

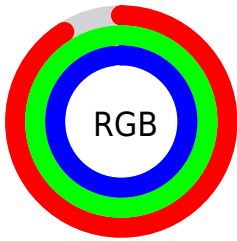
Format	Color
R _Y B	231, 244, 255
Decimal	15204346
CIE Lab	98.20, -8.66, -0.30
CIE LCh	98, 8.667, 181.954
Yxy	95.4111, 0.3009, 0.3339
Android (android.graphics.Color)	4293394426 (0xFFE7FFFA)
YUV	247.2540, 1.3538, -14.2548
Hunter-Lab	97.6786, -13.8132, 5.0325

Details

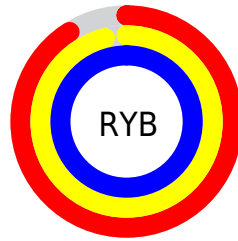
The Yxy color 95.4111, 0.3009, 0.3339 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.4834, 0.3260, 0.3242, and the grayscale version is 93.2337, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.3972, 0.2979, 0.3341 is the 20% darker color. If you saturate the color by 10%, you get 91.1494, 0.2889, 0.3396, and if you desaturate by 10%, it is 99.9968, 0.3127, 0.3290.

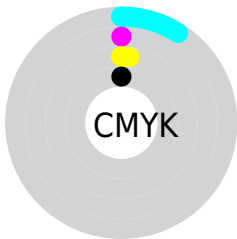
Distribution



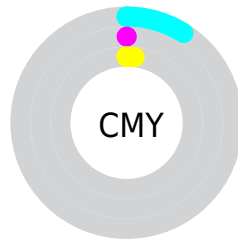
- Red (91%)
- Green (100%)
- Blue (98%)



- 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 95.4111, 0.3009, 0.3339 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 95.4111, 0.3009, 0.3339 by changing the saturation by 10% instead.

 95.4111, 0.3009,
0.3339

 95.4111, 0.3009,
0.3339


545.4802, 0.3061,
0.3318

 72.4772, 0.2998,
0.3344


154.8324, 0.3027,
0.3332

 53.5486, 0.2984,
0.3349


192.0886, 0.3034,
0.3329

 38.2409, 0.2967,
0.3356


234.8877, 0.3040,
0.3326

 26.1697, 0.2945,
0.3365

283.6141, 0.3045,
0.3324

 16.9506, 0.2917,
0.3377

338.6521, 0.3050,
0.3322

 10.1993, 0.2879,
0.3392

400.3862, 0.3054,

 5.5313, 0.2823,

0.3321

0.3415

469.2008, 0.3058,
0.3319

■ 2.5622, 0.2735,
0.3451

■ 0.9077, 0.2535,
0.3534

■ 95.4111, 0.3009,
0.3339

■ 95.4111, 0.3009,
0.3339

■ 91.1494, 0.2889,
0.3396

99.9968, 0.3127,
0.3290

■ 87.4844, 0.2777,
0.3459

■ 84.3915, 0.2677,
0.3526

■ 81.8396, 0.2591,
0.3596

■ 79.7949, 0.2522,
0.3670

■ 78.2195, 0.2472,
0.3746

■ 77.0702, 0.2442,
0.3823

■ 76.2956, 0.2432,
0.3900

■ 75.8168, 0.2438,
0.3975

Harmonies

Analogous

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



95.4111, 0.3096, 0.3414



95.4111, 0.3009, 0.3339



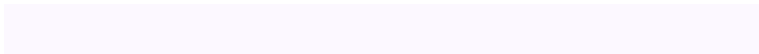
95.4111, 0.2954, 0.3252

Triad

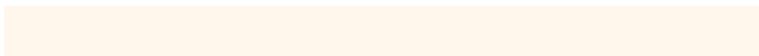
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.4111, 0.3009, 0.3339



95.4111, 0.3061, 0.3132



95.4111, 0.3313, 0.3400

Complementary

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



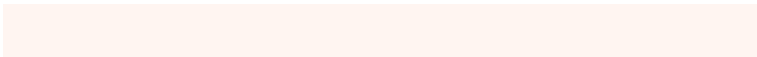
95.4111, 0.3009, 0.3339



84.4834, 0.3260, 0.3242

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.



95.4111, 0.3303, 0.3324



95.4111, 0.3009, 0.3339



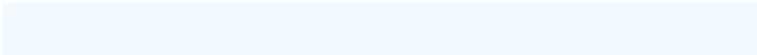
95.4111, 0.3157, 0.3171

Square

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



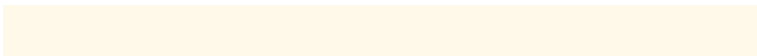
95.4111, 0.3009, 0.3339



95.4111, 0.2984, 0.3134



95.4111, 0.3246, 0.3241



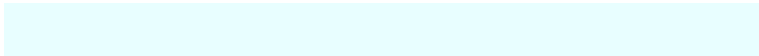
95.4111, 0.3271, 0.3448

Rectangle

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



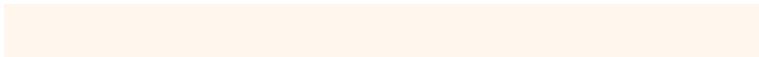
95.4111, 0.3009, 0.3339



95.4111, 0.2943, 0.3199



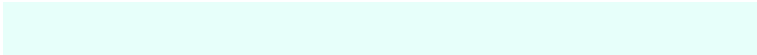
95.4111, 0.3246, 0.3241



95.4111, 0.3315, 0.3377

Sweetspot

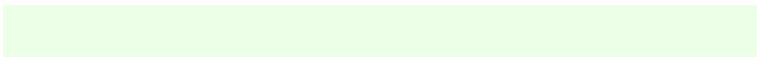
The Sweet Spot groups the original color and five complimentary colors.



95.4151, 0.3009, 0.3339



98.4763, 0.3089, 0.3305



95.1590, 0.3148, 0.3531



20.9929, 0.3079, 0.3309



0.0000, 0.0000, 0.0000



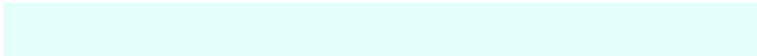
21.4041, 0.3127, 0.3290

Same Dimension

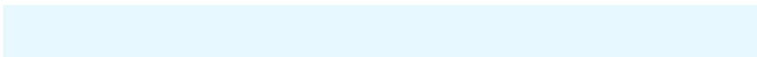
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4151, 0.3009, 0.3339



94.6945, 0.2989, 0.3348



91.4746, 0.2981, 0.3222



20.4133, 0.3008, 0.3340



39.6271, 0.2435, 0.3967



3.8738, 0.2411, 0.3880

Inverse Universe

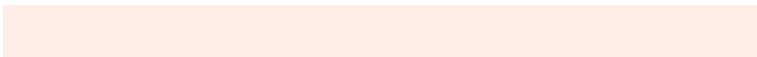
The Inverse Universe completely reimagines the original color for something new.



84.4834, 0.3260, 0.3242



82.0400, 0.3285, 0.3233



88.0748, 0.3285, 0.3357



18.0486, 0.3262, 0.3241



11.2591, 0.6061, 0.3113



1.1112, 0.5761, 0.2947

Previews

White Background



This preview shows how the Yxy color 95.4111, 0.3009, 0.3339 looks on a white background.

Color Contrast Check

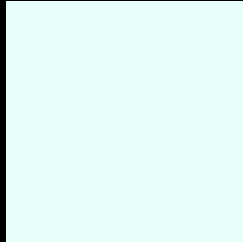
Large Text (above 18pt) WCAG AA × Fail

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 95.4111, 0.3009, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

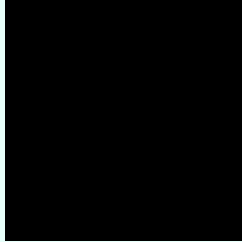
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

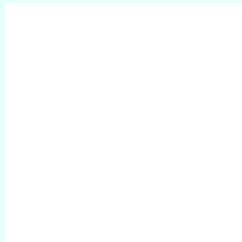
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.4111, 0.3009, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 95.4111, 0.3009, 0.3339.



This preview shows how white text looks on a background with the Yxy color 95.4111, 0.3009, 0.3339.

Color Blindness Simulation

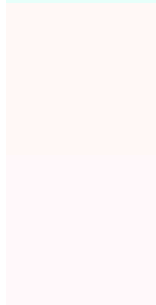
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.4111, 0.3009, 0.3339



Protanopia

95.0486, 0.3184, 0.3309

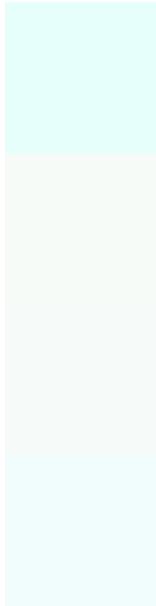
Deuteranopia

95.2969, 0.3160, 0.3271

Tritanopia

95.1840, 0.3073, 0.3241

Trichromacy



Original Color

95.4111, 0.3009, 0.3339

Protanomaly

95.3026, 0.3119, 0.3329

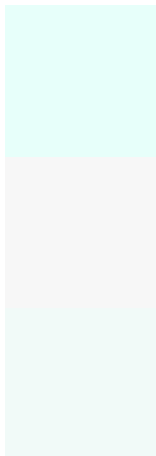
Deuteranomaly

95.4893, 0.3102, 0.3300

Tritanomaly

95.4134, 0.3053, 0.3280

Monochromacy



Original Color

95.4111, 0.3009, 0.3339

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.8493, 0.3082, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4111, 0.3009, 0.3339 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(231, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 95.4111, 0.3009, 0.3339 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(231, 255, 250) }
```

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

```
.border{ border-color:rgb(231, 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(231, 255, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4111, 0.3009, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 250) }
```

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

```
.background{ background-color: rgb(231,  
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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