

Converting Colors

$Yxy(95.5989, 0.3014, 0.3337)$

Have a look what the booklet for
Yxy(95.5989, 0.3014, 0.3337)
contains.

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Color

Yxy(95.5779, 0.3015, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFFA
RGB	232, 255, 250
RGB Percent	91%, 100%, 98%
CMY	0.0901, 0.0000, 0.0195
CMYK	0.09, 0.00, 0.02, 0.00
HSL	167°, 100%, 95%
HSV	167°, 9%, 100%
XYZ	86.3035, 95.5779, 104.3657
YIQ	247.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

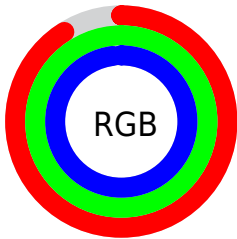
Format	Color
R _Y B	232, 245, 255
Decimal	15269882
CIE Lab	98.26, -8.35, -0.19
CIE LCh	98, 8.348, 181.288
Yxy	95.5779, 0.3015, 0.3339
Android (android.graphics.Color)	4293459962 (0xFFE8FFFA)
YUV	247.5530, 1.2064, -13.6400
Hunter-Lab	97.7640, -13.5117, 5.1411

Details

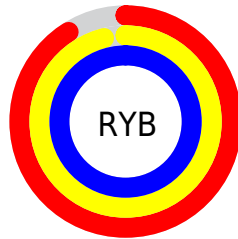
The Yxy color 95.5779, 0.3015, 0.3339 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.1014, 0.3252, 0.3242, and the grayscale version is 93.4900, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5133, 0.2986, 0.3340 is the 20% darker color. If you saturate the color by 10%, you get 91.2781, 0.2896, 0.3399, and if you desaturate by 10%, it is 99.9977, 0.3127, 0.3290.

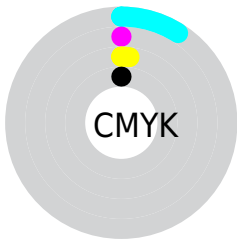
Distribution



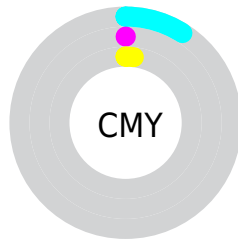
- Red (91%)
- Green (100%)
- Blue (98%)



- 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 95.5779, 0.3015, 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 95.5779, 0.3015, 0.3339 by changing the saturation by 10% instead.

 95.5779, 0.3015,
0.3339

 95.5779, 0.3015,
0.3339


546.0134, 0.3064,
0.3318

 72.6161, 0.3004,
0.3344


155.0628, 0.3032,
0.3332

 53.6621, 0.2991,
0.3349

192.3545, 0.3038,
0.3329

 38.3316, 0.2975,
0.3356


235.1918, 0.3044,
0.3326

 26.2401, 0.2955,
0.3365

283.9589, 0.3049,
0.3324

 17.0034, 0.2928,
0.3377

339.0402, 0.3054,
0.3322

 10.2369, 0.2891,
0.3392

400.8201, 0.3058,

 5.5563, 0.2839,

0.3321

0.3415

469.6830, 0.3061,
0.3319

■ 2.5772, 0.2755,
0.3451

■ 0.9152, 0.2570,
0.3532

■ 95.5779, 0.3015,
0.3339

■ 95.5779, 0.3015,
0.3339


■ 91.2781, 0.2896,
0.3399


99.9977, 0.3127,
0.3290


■ 87.5770, 0.2784,
0.3464


■ 84.4499, 0.2685,
0.3534


■ 81.8660, 0.2599,
0.3608

 79.7914, 0.2530,
0.3685

 78.1885, 0.2480,
0.3765

 77.0142, 0.2450,
0.3845

 76.2177, 0.2440,
0.3926

 75.7235, 0.2447,
0.4005

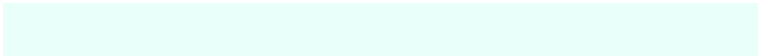
Harmonies

Analogous

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



95.5779, 0.3099, 0.3410



95.5779, 0.3015, 0.3339



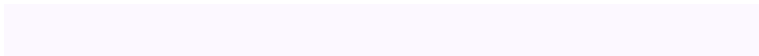
95.5779, 0.2961, 0.3255

Triad

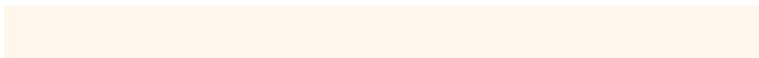
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5779, 0.3015, 0.3339



95.5779, 0.3062, 0.3138



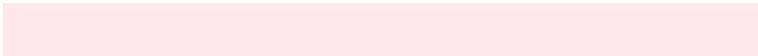
95.5779, 0.3306, 0.3395

Complementary

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



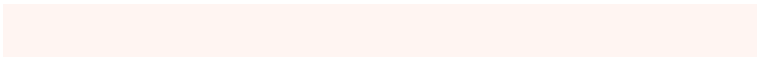
95.5779, 0.3015, 0.3339



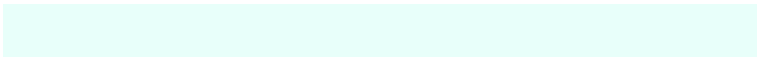
85.1014, 0.3252, 0.3242

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.



95.5779, 0.3296, 0.3321



95.5779, 0.3015, 0.3339



95.5779, 0.3154, 0.3174

Square

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



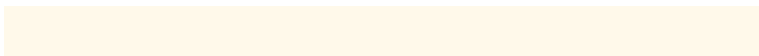
95.5779, 0.3015, 0.3339



95.5779, 0.2988, 0.3140



95.5779, 0.3240, 0.3241



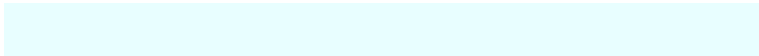
95.5779, 0.3267, 0.3442

Rectangle

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



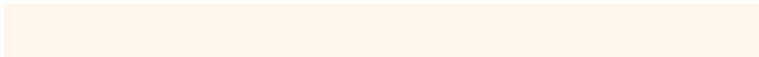
95.5779, 0.3015, 0.3339



95.5779, 0.2950, 0.3204



95.5779, 0.3240, 0.3241



95.5779, 0.3308, 0.3372

Sweetspot

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



95.5819, 0.3015, 0.3339



98.4718, 0.3089, 0.3306



95.3505, 0.3147, 0.3520



20.9917, 0.3079, 0.3310



0.0000, 0.0000, 0.0000



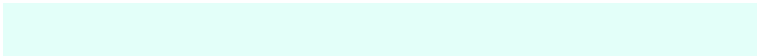
21.4041, 0.3127, 0.3290

Same Dimension

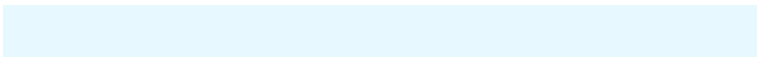
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5819, 0.3015, 0.3339



94.6783, 0.2991, 0.3350



91.8154, 0.2987, 0.3225



20.4103, 0.3009, 0.3342



39.5696, 0.2444, 0.4000



3.8687, 0.2419, 0.3909

Inverse Universe

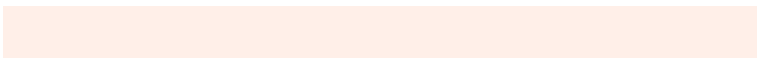
The Inverse Universe completely reimagines the original color for something new.



85.1014, 0.3252, 0.3242



82.0548, 0.3284, 0.3230



88.5478, 0.3278, 0.3354



18.0513, 0.3260, 0.3239



11.2713, 0.6036, 0.3099



1.1127, 0.5731, 0.2931

Previews

White Background



This preview shows how the Yxy color 95.5779, 0.3015, 0.3339 looks on a white background.

Color Contrast Check

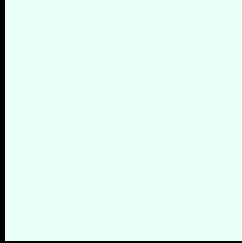
Large Text (above 18pt) WCAG AA × Fail

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 95.5779, 0.3015, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

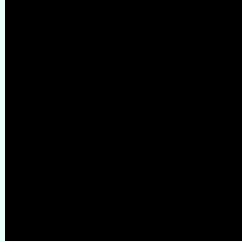
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

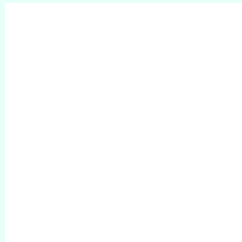
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.5779, 0.3015, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 95.5779, 0.3015, 0.3339.



This preview shows how white text looks on a background with the Yxy color 95.5779, 0.3015, 0.3339.

Color Blindness Simulation

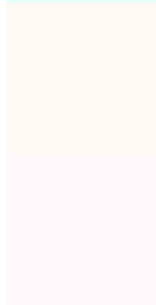
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.5779, 0.3015, 0.3339



Protanopia

95.6652, 0.3183, 0.3319

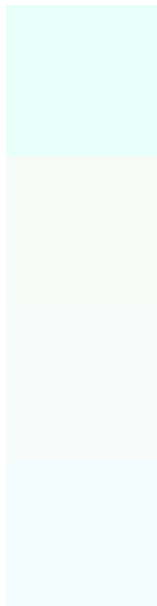
Deuteranopia

95.2969, 0.3160, 0.3271

Tritanopia

95.3654, 0.3079, 0.3242

Trichromacy



Original Color

95.5779, 0.3015, 0.3339

Protanomaly

95.4839, 0.3125, 0.3329

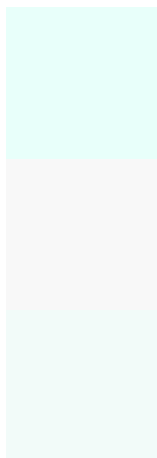
Deuteranomaly

95.6706, 0.3108, 0.3300

Tritanomaly

95.5899, 0.3059, 0.3280

Monochromacy



Original Color

95.5779, 0.3015, 0.3339

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.7112, 0.3082, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5779, 0.3015, 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(232, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 95.5779, 0.3015, 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(232, 255, 250) }
```

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

```
.border{ border-color:rgb(232, 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(232, 255, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5779, 0.3015, 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(232, 255, 250) }
```

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

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