

Converting Colors

$Y_{xy}(100.0000, 0.3020, 0.3416)$

Have a look what the booklet for
Yxy(100.0000, 0.3020, 0.3416)
contains.

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Color

Yxy(95.5154, 0.3021, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFF9
RGB	232, 255, 249
RGB Percent	91%, 100%, 98%
CMY	0.0898, 0.0001, 0.0235
CMYK	0.09, 0.00, 0.02, 0.00
HSL	164°, 100%, 96%
HSV	164°, 9%, 100%
XYZ	86.1607, 95.5154, 103.5297
YIQ	247.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

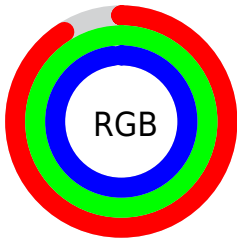
Format	Color
R _Y B	232, 245, 255
Decimal	15269881
CIE Lab	98.24, -8.51, 0.30
CIE LCh	98, 8.511, 177.998
Yxy	95.5154, 0.3021, 0.3349
Android (android.graphics.Color)	4293459961 (0xFFE8FFF9)
YUV	247.4390, 0.7696, -13.5400
Hunter-Lab	97.7320, -13.6651, 5.6052

Details

The Yxy color 95.5154, 0.3021, 0.3349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.1966, 0.3245, 0.3232, and the grayscale version is 93.4030, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4685, 0.2993, 0.3353 is the 20% darker color. If you saturate the color by 10%, you get 91.1479, 0.2907, 0.3421, and if you desaturate by 10%, it is 99.9880, 0.3127, 0.3290.

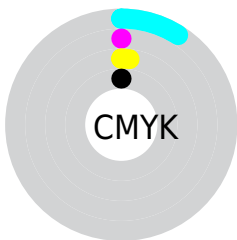
Distribution



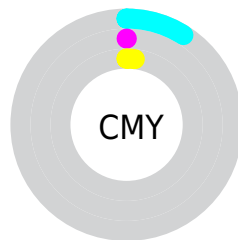
- Red (91%)
- Green (100%)
- Blue (98%)



- 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 95.5154, 0.3021, 0.3349 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 95.5154, 0.3021, 0.3349 by changing the saturation by 10% instead.


 95.5154, 0.3021,
0.3349

 95.5154, 0.3021,
0.3349

545.8137, 0.3068,
0.3323

 72.5640, 0.3011,
0.3355


154.9765, 0.3037,
0.3340

 53.6195, 0.2998,
0.3361


192.2549, 0.3043,
0.3337

 38.2976, 0.2983,
0.3370


235.0779, 0.3049,
0.3334

 26.2137, 0.2964,
0.3381

283.8297, 0.3053,
0.3331

 16.9836, 0.2938,
0.3395

338.8948, 0.3058,
0.3329

 10.2228, 0.2904,
0.3414

400.6576, 0.3061,

 5.5469, 0.2853,

0.3327

0.3442

469.5024, 0.3065,
0.3325

■ 2.5716, 0.2774,
0.3487

■ 0.9124, 0.2592,
0.3586

■ 95.5154, 0.3021,
0.3349

■ 95.5154, 0.3021,
0.3349

■ 91.1479, 0.2907,
0.3421

99.9880, 0.3127,
0.3290

■ 87.3834, 0.2801,
0.3500

■ 84.1975, 0.2706,
0.3585

■ 81.5591, 0.2624,
0.3676

■ 79.4344, 0.2559,
0.3771

■ 77.7856, 0.2512,
0.3869

■ 76.5697, 0.2486,
0.3968

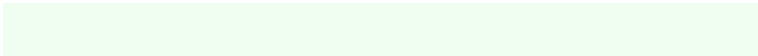
■ 75.7357, 0.2480,
0.4066

■ 75.2085, 0.2491,
0.4164

Harmonies

Analogous

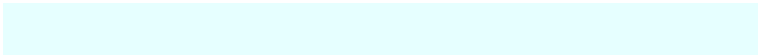
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5154, 0.3109, 0.3419



95.5154, 0.3021, 0.3349



95.5154, 0.2962, 0.3264

Triad

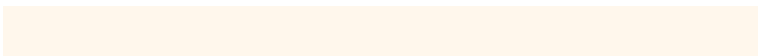
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5154, 0.3021, 0.3349



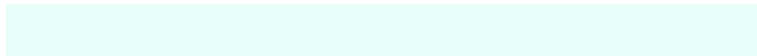
95.5154, 0.3051, 0.3133



95.5154, 0.3311, 0.3389

Complementary

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



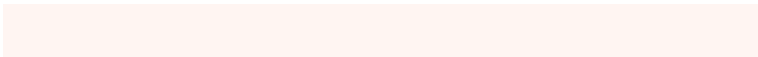
95.5154, 0.3021, 0.3349



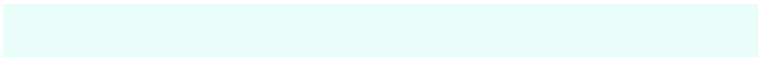
85.1966, 0.3245, 0.3232

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.



95.5154, 0.3295, 0.3313



95.5154, 0.3021, 0.3349



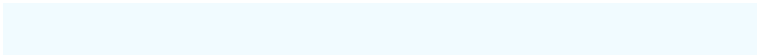
95.5154, 0.3144, 0.3166

Square

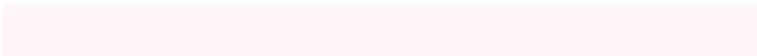
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



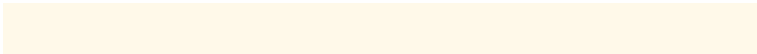
95.5154, 0.3021, 0.3349



95.5154, 0.2979, 0.3140



95.5154, 0.3234, 0.3232



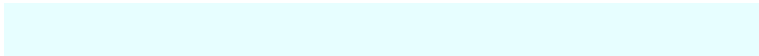
95.5154, 0.3277, 0.3441

Rectangle

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



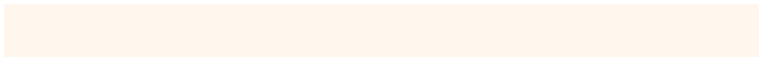
95.5154, 0.3021, 0.3349



95.5154, 0.2947, 0.3210



95.5154, 0.3234, 0.3232



95.5154, 0.3311, 0.3366

Sweetspot

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



95.5194, 0.3021, 0.3349



98.4501, 0.3091, 0.3309



95.5501, 0.3154, 0.3519



20.9858, 0.3082, 0.3314



0.0000, 0.0000, 0.0000



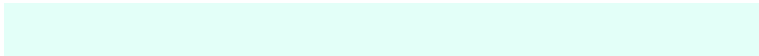
21.4041, 0.3127, 0.3290

Same Dimension

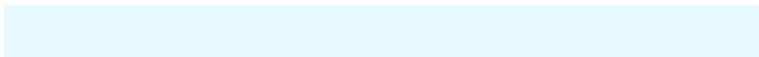
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5194, 0.3021, 0.3349



94.6009, 0.2998, 0.3363



92.5373, 0.2988, 0.3237



20.3959, 0.3015, 0.3353



39.3062, 0.2488, 0.4158



3.8450, 0.2457, 0.4046

Inverse Universe

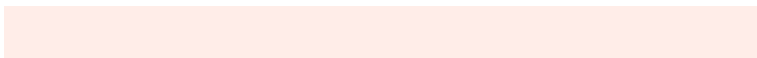
The Inverse Universe completely reimagines the original color for something new.



85.1966, 0.3245, 0.3232



82.1262, 0.3275, 0.3218



87.9061, 0.3279, 0.3343



18.0648, 0.3253, 0.3228



11.3377, 0.5902, 0.3025



1.1209, 0.5585, 0.2850

Previews

White Background



This preview shows how the Yxy color 95.5154, 0.3021, 0.3349 looks on a white background.

Color Contrast Check

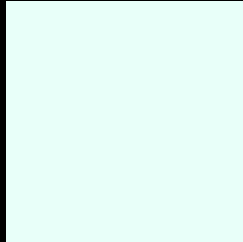
Large Text (above 18pt) WCAG AA × Fail

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 95.5154, 0.3021, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

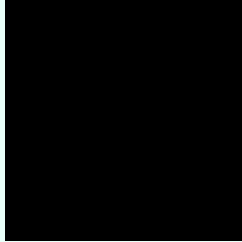
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

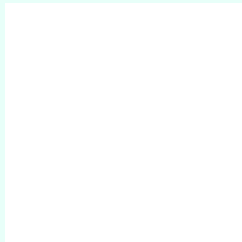
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.5154, 0.3021, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 95.5154, 0.3021, 0.3349.

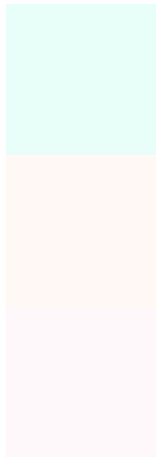


This preview shows how white text looks on a background with the Yxy color 95.5154, 0.3021, 0.3349.

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

95.5154, 0.3021, 0.3349

Protanopia

94.9874, 0.3190, 0.3319

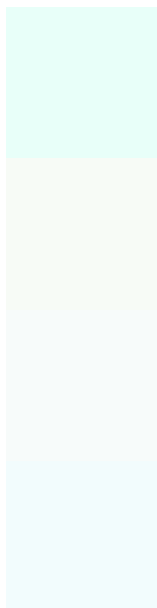
Deuteranopia

95.2969, 0.3160, 0.3271

Tritanopia

95.3654, 0.3079, 0.3242

Trichromacy



Original Color

95.5154, 0.3021, 0.3349

Protanomaly

95.4223, 0.3131, 0.3339

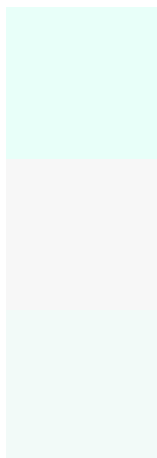
Deuteranomaly

95.6706, 0.3108, 0.3300

Tritanomaly

95.5899, 0.3059, 0.3280

Monochromacy



Original Color

95.5154, 0.3021, 0.3349

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 95.5154, 0.3021, 0.3349 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 95.5154, 0.3021, 0.3349 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, 249) }
```

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

```
.border{ border-color:rgb(232, 255, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5154, 0.3021, 0.3349 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, 249) }
```

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

```
.background{ background-color: rgb(232,  
255, 249) }
```

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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