

Converting Colors

$Yxy(95.8419, 0.3070, 0.3305)$

Have a look what the booklet for
Yxy(95.8419, 0.3070, 0.3305)
contains.

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Color

Yxy(96.0928, 0.3070, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	F2FDFB
RGB	242, 253, 251
RGB Percent	95%, 99%, 98%
CMY	0.0511, 0.0078, 0.0155
CMYK	0.04, 0.00, 0.01, 0.01
HSL	169°, 74%, 97%
HSV	169°, 4%, 99%
XYZ	89.1523, 96.0928, 105.1532
YIQ	249.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

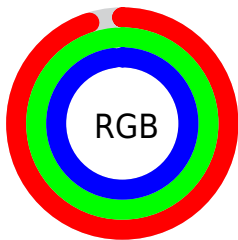
Format	Color
R _Y B	242, 248, 253
Decimal	15924731
CIE Lab	98.47, -3.96, -0.33
CIE LCh	98, 3.973, 184.754
Yxy	96.0928, 0.3070, 0.3309
Android (android.graphics.Color)	4294114811 (0xFFFF2FDFB)
YUV	249.4830, 0.7479, -6.5626
Hunter-Lab	98.0269, -9.2072, 5.0186

Details

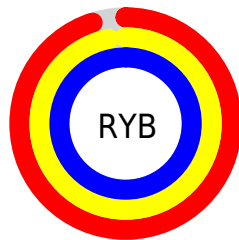
The Yxy color 96.0928, 0.3070, 0.3309 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.8959, 0.3187, 0.3271, and the grayscale version is 95.1474, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8591, 0.3056, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 91.6456, 0.2943, 0.3356, and if you desaturate by 10%, it is 98.7377, 0.3128, 0.3271.

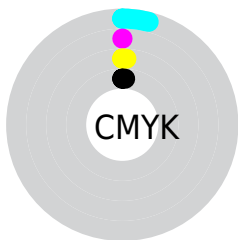
Distribution



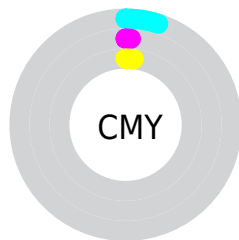
- Red (95%)
- Green (99%)
- Blue (98%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (5%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.0928, 0.3070, 0.3309 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 96.0928, 0.3070, 0.3309 by changing the saturation by 10% instead.


 96.0928, 0.3070,
0.3309

 96.0928, 0.3070,
0.3309


547.6576, 0.3095,
0.3301

 73.0449, 0.3065,
0.3311

155.7735, 0.3079,
0.3306

 54.0126, 0.3058,
0.3313


193.1750, 0.3082,
0.3305

 38.6118, 0.3050,
0.3316


236.1298, 0.3085,
0.3304

 26.4578, 0.3039,
0.3319

285.0224, 0.3087,
0.3303

 17.1665, 0.3026,
0.3323

340.2370, 0.3090,
0.3303

 10.3532, 0.3007,
0.3329

402.1582, 0.3092,

 5.6338, 0.2980,

0.3302

471.1702, 0.3094,
0.3301

0.3338

■ 2.6237, 0.2938,
0.3352

■ 0.9386, 0.2859,
0.3377

■ 96.0928, 0.3070,
0.3309

■ 96.0928, 0.3070,
0.3309


■ 91.6456, 0.2943,
0.3356


98.7377, 0.3128,
0.3271


■ 87.7950, 0.2823,
0.3407


■ 84.5180, 0.2713,
0.3462


■ 81.7856, 0.2617,
0.3521

 79.5659, 0.2537,
0.3583

 77.8240, 0.2475,
0.3646

 76.5203, 0.2432,
0.3711

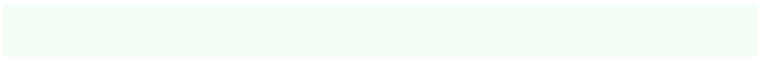
 75.6091, 0.2410,
0.3776

 75.0340, 0.2406,
0.3840

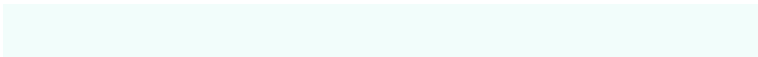
Harmonies

Analogous

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



96.0928, 0.3109, 0.3343



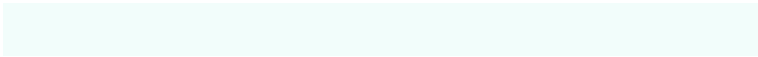
96.0928, 0.3070, 0.3309



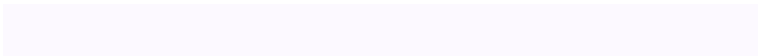
96.0928, 0.3046, 0.3270

Triad

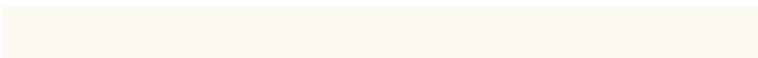
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.0928, 0.3070, 0.3309



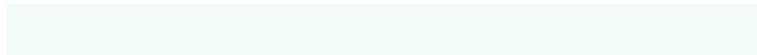
96.0928, 0.3101, 0.3218



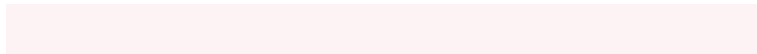
96.0928, 0.3211, 0.3344

Complementary

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



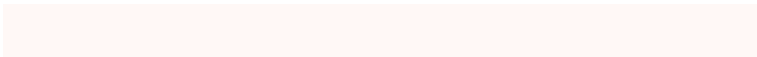
96.0928, 0.3070, 0.3309



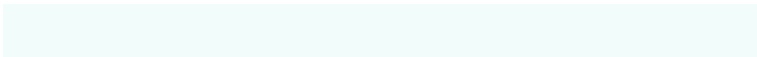
90.8959, 0.3187, 0.3271

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.



96.0928, 0.3209, 0.3310



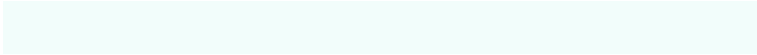
96.0928, 0.3070, 0.3309



96.0928, 0.3145, 0.3238

Square

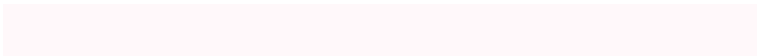
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



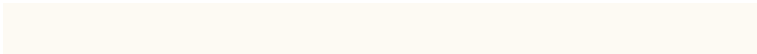
96.0928, 0.3070, 0.3309



96.0928, 0.3064, 0.3217



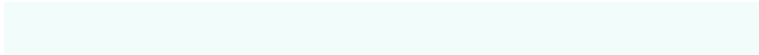
96.0928, 0.3185, 0.3271



96.0928, 0.3190, 0.3363

Rectangle

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



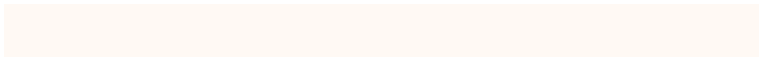
96.0928, 0.3070, 0.3309



96.0928, 0.3042, 0.3246



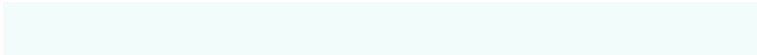
96.0928, 0.3185, 0.3271



96.0928, 0.3213, 0.3334

Sweetspot

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



96.0969, 0.3070, 0.3309



99.4904, 0.3114, 0.3294



95.8979, 0.3135, 0.3398



21.3004, 0.3115, 0.3294



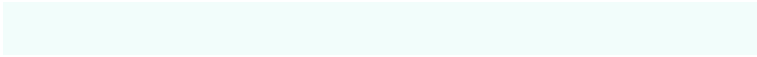
0.0000, 0.0000, 0.0000



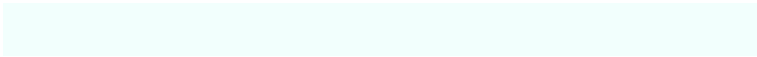
21.4041, 0.3127, 0.3290

Same Dimension

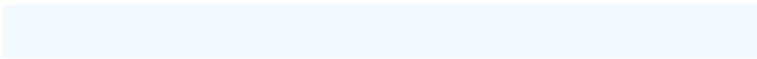
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0969, 0.3070, 0.3309



97.5163, 0.3062, 0.3312



94.0330, 0.3060, 0.3256



20.8005, 0.3053, 0.3315



39.8133, 0.2407, 0.3866



3.8903, 0.2387, 0.3792

Inverse Universe

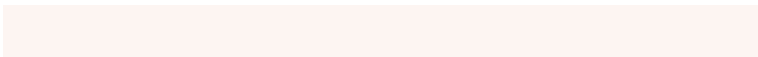
The Inverse Universe completely reimagines the original color for something new.



90.8959, 0.3187, 0.3271



91.4763, 0.3197, 0.3268



92.8791, 0.3197, 0.3324



19.3330, 0.3207, 0.3265



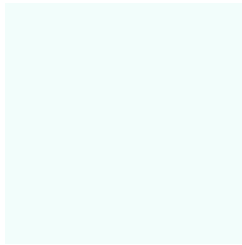
11.2244, 0.6136, 0.3154



1.1066, 0.5849, 0.2996

Previews

White Background



This preview shows how the Yxy color 96.0928, 0.3070, 0.3309 looks on a white background.

Color Contrast Check

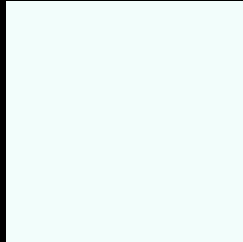
Large Text (above 18pt) WCAG AA × Fail

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 96.0928, 0.3070, 0.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

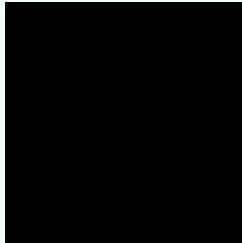
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.0928, 0.3070, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 96.0928, 0.3070, 0.3309.

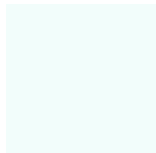


This preview shows how white text looks on a background with the Yxy color 96.0928, 0.3070, 0.3309.

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

96.0928, 0.3070, 0.3309



Protanopia

95.8509, 0.3165, 0.3290

Deuteranopia

95.9764, 0.3153, 0.3271

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy



Original Color

96.0928, 0.3070, 0.3309

Protanomaly

95.5973, 0.3127, 0.3290

Deuteranomaly

95.6602, 0.3121, 0.3280

Tritanomaly

95.7429, 0.3079, 0.3261

Monochromacy



Original Color

96.0928, 0.3070, 0.3309

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.8662, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0928, 0.3070, 0.3309 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(242, 253, 251)` looks like.

```
.text, #text, p{  
    color:rgb(242, 253, 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(242, 253, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 253, 251) }
```

Border

The CSS property to change the border of an element to Yxy 96.0928, 0.3070, 0.3309 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(242, 253, 251) }
```

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

```
.border{ border-color:rgb(242, 253, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 253, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 253, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 253, 251);  
box-shadow:4px 4px 4px 4px rgb(242, 253,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0928, 0.3070, 0.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 253, 251) }
```

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

```
.background{ background-color: rgb(242,  
253, 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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