

Converting Colors

Yxy(96.6756, 0.3061, 0.3348)

Have a look what the booklet for
Yxy(96.6756, 0.3061, 0.3348)
contains.

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Color

Yxy(96.7103, 0.3063, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFF9
RGB	239, 255, 249
RGB Percent	94%, 100%, 98%
CMY	0.0628, 0.0000, 0.0236
CMYK	0.06, 0.00, 0.02, 0.00
HSL	157°, 100%, 97%
HSV	157°, 6%, 100%
XYZ	88.4514, 96.7103, 103.6120
YIQ	249.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

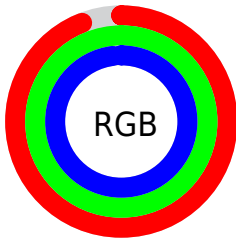
Format	Color
R_{YB}	239, 249, 255
Decimal	15728633
CIE _{Lab}	98.71, -6.30, 1.06
CIE _{LCh}	99, 6.389, 170.420
Yxy	96.7103, 0.3063, 0.3349
Android (android.graphics.Color)	4293918713 (0xFFEFFFF9)
YUV	249.5320, -0.2623, -9.2366
Hunter-Lab	98.3414, -11.5489, 6.3713

Details

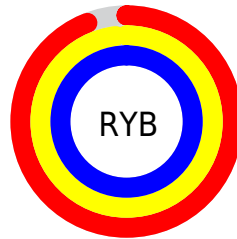
The Yxy color 96.7103, 0.3063, 0.3349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.5833, 0.3196, 0.3232, and the grayscale version is 95.1951, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.3057, 0.3046, 0.3352 is the 20% darker color. If you saturate the color by 10%, you get 91.9957, 0.2963, 0.3451, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

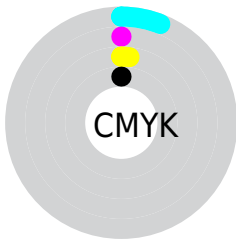
Distribution



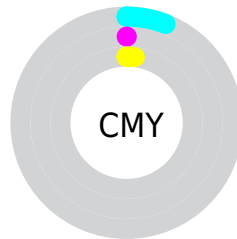
- Red (94%)
- Green (100%)
- Blue (98%)



- Red (94%)
- Yellow (98%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.7103, 0.3063, 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 96.7103, 0.3063, 0.3349 by changing the saturation by 10% instead.

 96.7103, 0.3063,
0.3349

 96.7103, 0.3063,
0.3349

549.6259, 0.3091,
0.3323

 73.5593, 0.3057,
0.3355


156.6253, 0.3073,
0.3340

 54.4334, 0.3049,
0.3362


194.1582, 0.3076,
0.3337

 38.9483, 0.3040,
0.3370


237.2537, 0.3080,
0.3334

 26.7195, 0.3028,
0.3381

286.2963, 0.3083,
0.3331

 17.3627, 0.3013,
0.3395

341.6705, 0.3085,
0.3329

 10.4934, 0.2992,
0.3414

403.7605, 0.3087,

 5.7273, 0.2962,

0.3327

0.3443

472.9509, 0.3089,
0.3325

■ 2.6800, 0.2914,
0.3488

■ 0.9670, 0.2820,
0.3573

■ 96.7103, 0.3063,
0.3349

■ 96.7103, 0.3063,
0.3349

■ 91.9957, 0.2963,
0.3451

100.0000, 0.3127,
0.3290

■ 87.9131, 0.2869,
0.3565

■ 84.4324, 0.2783,
0.3688

■ 81.5228, 0.2708,
0.3820

■ 79.1510, 0.2648,
0.3960

■ 77.2801, 0.2606,
0.4106

■ 75.8683, 0.2584,
0.4254

■ 74.8668, 0.2582,
0.4401

■ 74.2149, 0.2601,
0.4545

Harmonies

Analogous

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



96.7103, 0.3132, 0.3395



96.7103, 0.3063, 0.3349



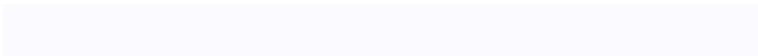
96.7103, 0.3012, 0.3287

Triad

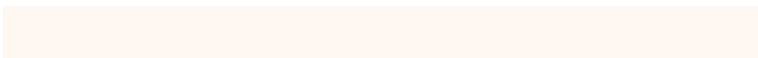
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.7103, 0.3063, 0.3349



96.7103, 0.3054, 0.3170



96.7103, 0.3265, 0.3352

Complementary

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



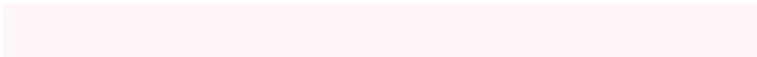
96.7103, 0.3063, 0.3349



89.5833, 0.3196, 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.



96.7103, 0.3244, 0.3292



96.7103, 0.3063, 0.3349



96.7103, 0.3122, 0.3188

Square

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



96.7103, 0.3063, 0.3349



96.7103, 0.3007, 0.3184



96.7103, 0.3191, 0.3232



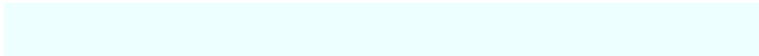
96.7103, 0.3249, 0.3396

Rectangle

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



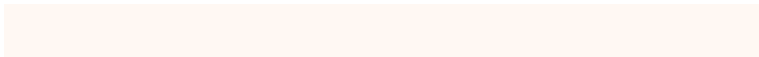
96.7103, 0.3063, 0.3349



96.7103, 0.2994, 0.3245



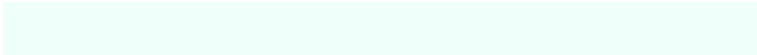
96.7103, 0.3191, 0.3232



96.7103, 0.3262, 0.3333

Sweetspot

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



96.7083, 0.3063, 0.3349



98.9226, 0.3107, 0.3308



97.1876, 0.3158, 0.3447



21.1848, 0.3108, 0.3307



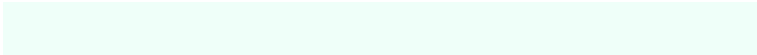
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

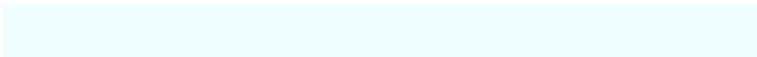
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.7083, 0.3063, 0.3349



95.8500, 0.3046, 0.3366



95.9042, 0.3030, 0.3271



20.3589, 0.3030, 0.3381



38.7110, 0.2604, 0.4575



3.7904, 0.2559, 0.4411

Inverse Universe

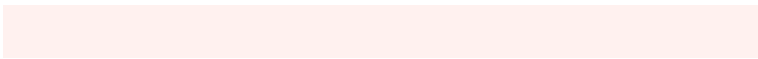
The Inverse Universe completely reimagines the original color for something new.



89.5833, 0.3196, 0.3232



86.8749, 0.3216, 0.3215



90.3207, 0.3232, 0.3309



18.1000, 0.3235, 0.3201



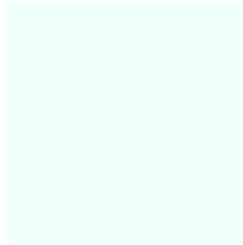
11.5754, 0.5481, 0.2793



1.1474, 0.5172, 0.2623

Previews

White Background



This preview shows how the Yxy color 96.7103, 0.3063, 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 96.7103, 0.3063, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

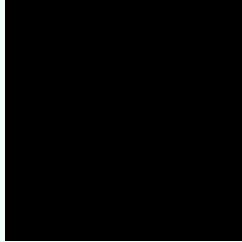
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.7103, 0.3063, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 96.7103, 0.3063, 0.3349.

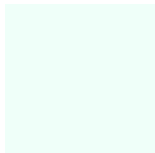


This preview shows how white text looks on a background with the Yxy color 96.7103, 0.3063, 0.3349.

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

96.7103, 0.3063, 0.3349



Protanopia

96.4085, 0.3171, 0.3309

Deuteranopia

96.5962, 0.3153, 0.3281

Tritanopia

96.5384, 0.3098, 0.3252

Trichromacy



Original Color

96.7103, 0.3063, 0.3349

Protanomaly

96.5379, 0.3132, 0.3329

Deuteranomaly

96.6627, 0.3120, 0.3309

Tritanomaly

96.3055, 0.3084, 0.3280

Monochromacy



Original Color

96.7103, 0.3063, 0.3349

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1158, 0.3101, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.7103, 0.3063, 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(239, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 96.7103, 0.3063, 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(239, 255, 249) }
```

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

```
.border{ border-color:rgb(239, 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(239, 255, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 96.7103, 0.3063, 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(239, 255, 249) }
```

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

```
.background{ background-color: rgb(239,  
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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