

Converting Colors

Yxy(96.4611, 0.3103, 0.3410)

Have a look what the booklet for
Yxy(96.4611, 0.3103, 0.3410)
contains.

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Color

Yxy(96.5163, 0.3103, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFF3
RGB	240, 255, 243
RGB Percent	94%, 100%, 95%
CMY	0.0588, 0.0000, 0.0470
CMYK	0.06, 0.00, 0.05, 0.00
HSL	132°, 100%, 97%
HSV	132°, 6%, 100%
XYZ	87.8785, 96.5163, 98.8103
YIQ	249.1470, -5.0880, -6.9120

Conversions

Conversions Part 2

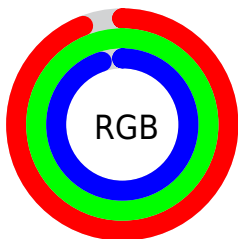
Format	Color
R_{YB}	240, 253, 255
Decimal	15794163
CIE _{Lab}	98.64, -7.03, 4.02
CIE _{LCh}	99, 8.093, 150.233
Yxy	96.5163, 0.3103, 0.3408
Android (android.graphics.Color)	4293984243 (0xFFFF0FFF3)
YUV	249.1470, -3.0305, -8.0219
Hunter-Lab	98.2427, -12.2557, 9.1374

Details

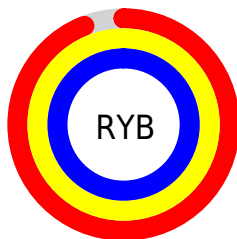
The Yxy color 96.5163, 0.3103, 0.3408 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.6155, 0.3152, 0.3175, and the grayscale version is 94.8921, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.1664, 0.3097, 0.3429 is the 20% darker color. If you saturate the color by 10%, you get 91.2023, 0.3061, 0.3630, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

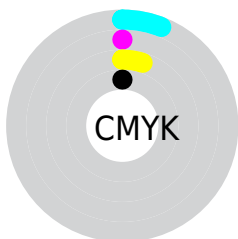
Distribution



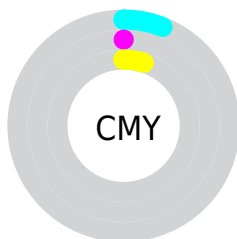
- Red (94%)
- Green (100%)
- Blue (95%)



- Red (94%)
- Yellow (99%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.5163, 0.3103, 0.3408 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 96.5163, 0.3103, 0.3408 by changing the saturation by 10% instead.


 96.5163, 0.3103,
0.3408

 96.5163, 0.3103,
0.3408

549.0079, 0.3114,
0.3356

 73.3976, 0.3101,
0.3419

156.3578, 0.3107,
0.3390

 54.3012, 0.3098,
0.3433


193.8494, 0.3108,
0.3383

 38.8425, 0.3094,
0.3451


236.9007, 0.3109,
0.3377

 26.6372, 0.3089,
0.3473

285.8963, 0.3111,
0.3372

 17.3010, 0.3083,
0.3502

341.2204, 0.3112,
0.3367

 10.4493, 0.3074,
0.3542

403.2574, 0.3112,

 5.6979, 0.3061,

0.3363

0.3601

472.3918, 0.3113,
0.3359

■ 2.6622, 0.3040,
0.3695

■ 0.9581, 0.3003,
0.3902

■ 96.5163, 0.3103,
0.3408

■ 96.5163, 0.3103,
0.3408

■ 91.2023, 0.3061,
0.3630

100.0000, 0.3127,
0.3290

■ 86.6178, 0.3021,
0.3879

■ 82.7341, 0.2982,
0.4154

■ 79.5161, 0.2949,
0.4448

■ 76.9260, 0.2924,
0.4753

■ 74.9218, 0.2909,
0.5054

■ 73.4563, 0.2907,
0.5334

■ 72.4748, 0.2918,
0.5575

■ 71.9104, 0.2941,
0.5763

Harmonies

Analogous

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



96.5163, 0.3192, 0.3443



96.5163, 0.3103, 0.3408



96.5163, 0.3021, 0.3340

Triad

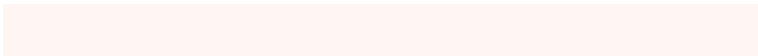
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.5163, 0.3103, 0.3408



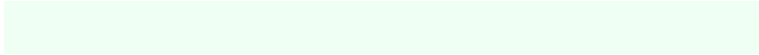
96.5163, 0.2991, 0.3146



96.5163, 0.3289, 0.3318

Complementary

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



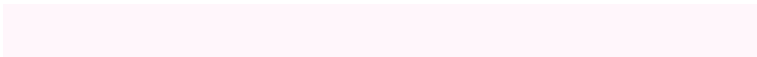
96.5163, 0.3103, 0.3408



90.6155, 0.3152, 0.3175

Split Complementary

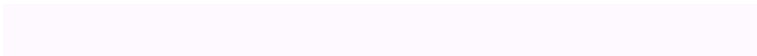
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5163, 0.3234, 0.3240



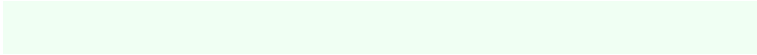
96.5163, 0.3103, 0.3408



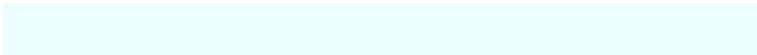
96.5163, 0.3061, 0.3142

Square

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



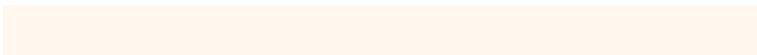
96.5163, 0.3103, 0.3408



96.5163, 0.2957, 0.3188



96.5163, 0.3150, 0.3176



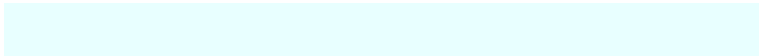
96.5163, 0.3300, 0.3389

Rectangle

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



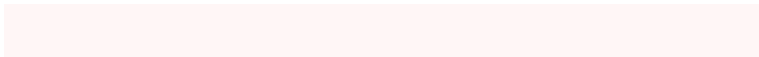
96.5163, 0.3103, 0.3408



96.5163, 0.2982, 0.3286



96.5163, 0.3150, 0.3176



96.5163, 0.3275, 0.3291

Sweetspot

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



96.5202, 0.3103, 0.3408



98.7858, 0.3119, 0.3329



98.5080, 0.3195, 0.3435



21.1570, 0.3119, 0.3327



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.



96.5202, 0.3103, 0.3408



95.8855, 0.3098, 0.3432



96.9814, 0.3061, 0.3334



20.4513, 0.3096, 0.3444



37.5135, 0.2945, 0.5801



3.6672, 0.2891, 0.5607

Inverse Universe

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



90.6155, 0.3152, 0.3175



88.9064, 0.3157, 0.3152



90.1506, 0.3198, 0.3247



18.8353, 0.3160, 0.3140



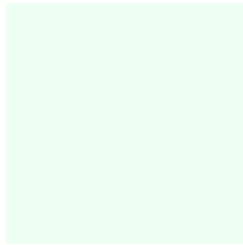
13.4026, 0.3795, 0.1864



1.3201, 0.3715, 0.1820

Previews

White Background



This preview shows how the Yxy color 96.5163, 0.3103, 0.3408 looks on a white background.

Color Contrast Check

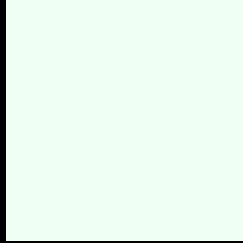
Large Text (above 18pt) WCAG AA × Fail

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 96.5163, 0.3103, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

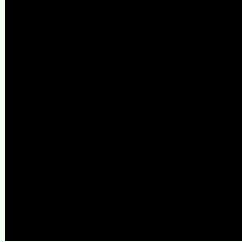
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

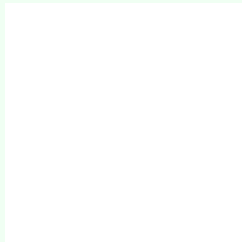
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.5163, 0.3103, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 96.5163, 0.3103, 0.3408.

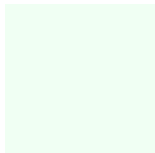


This preview shows how white text looks on a background with the Yxy color 96.5163, 0.3103, 0.3408.

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

96.5163, 0.3103, 0.3408



Protanopia

96.2238, 0.3188, 0.3338

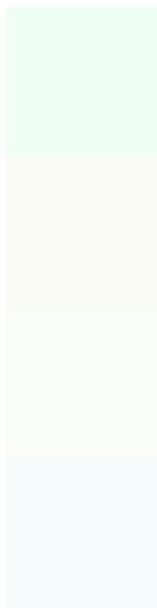
Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.5384, 0.3098, 0.3252

Trichromacy



Original Color

96.5163, 0.3103, 0.3408

Protanomaly

96.4765, 0.3161, 0.3368

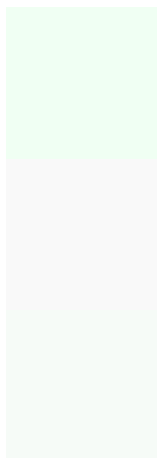
Deuteranomaly

96.6602, 0.3144, 0.3338

Tritanomaly

96.1787, 0.3096, 0.3300

Monochromacy



Original Color

96.5163, 0.3103, 0.3408

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.3026, 0.3119, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5163, 0.3103, 0.3408 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(240, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 243)  
}
```

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(240, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 243) }
```

Border

The CSS property to change the border of an element to Yxy 96.5163, 0.3103, 0.3408 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(240, 255, 243) }
```

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

```
.border{ border-color:rgb(240, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5163, 0.3103, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 243) }
```

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

```
.background{ background-color: rgb(240,  
255, 243) }
```

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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