

# Converting Colors

$Yxy(97.5881, 0.3090, 0.3344)$

Have a look what the booklet for  
Yxy(97.5881, 0.3090, 0.3344)  
contains.

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# Color

**Yxy(97.5926, 0.3094, 0.3348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FFF9
RGB	244, 255, 249
RGB Percent	96%, 100%, 98%
CMY	0.0428, 0.0001, 0.0235
CMYK	0.04, 0.00, 0.02, 0.00
HSL	147°, 100%, 98%
HSV	147°, 4%, 100%
XYZ	90.1886, 97.5926, 103.7140
YIQ	251.0270, -4.6300, -4.1980

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 252, 255
Decimal	16056313
CIE <sub>Lab</sub>	99.06, -4.62, 1.60
CIE <sub>LCh</sub>	99, 4.892, 160.931
Yxy	97.5926, 0.3094, 0.3348
Android (android.graphics.Color)	4294246393 (0xFFFF4FFF9)
YUV	251.0270, -0.9993, -6.1627
Hunter-Lab	98.7890, -9.9205, 6.9064

# Details

The Yxy color 97.5926, 0.3094, 0.3348 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.9121, 0.3162, 0.3233, and the grayscale version is 96.5169, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.9298, 0.3085, 0.3352 is the 20% darker color. If you saturate the color by 10%, you get 92.5051, 0.3017, 0.3496, and if you desaturate by 10%, it is 99.9890, 0.3127, 0.3290.

# Distribution



- Red (96%)
- Green (100%)
- Blue (98%)



- Red (96%)
- Yellow (99%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 97.5926, 0.3094, 0.3348 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 97.5926, 0.3094, 0.3348 by changing the saturation by 10% instead.




 97.5926, 0.3094,  
0.3348

 97.5926, 0.3094,  
0.3348

552.4320, 0.3109,  
0.3323

 74.2947, 0.3091,  
0.3354


157.8416, 0.3099,  
0.3339

 55.0352, 0.3087,  
0.3360


195.5614, 0.3101,  
0.3336

 39.4299, 0.3082,  
0.3369


238.8573, 0.3103,  
0.3333

 27.0944, 0.3076,  
0.3379

288.1137, 0.3104,  
0.3330

 17.6441, 0.3068,  
0.3393

343.7150, 0.3105,  
0.3328

 10.6948, 0.3057,  
0.3412

406.0455, 0.3107,

 5.8620, 0.3041,

0.3326

0.3440

475.4898, 0.3108,  
0.3324

■ 2.7613, 0.3016,  
0.3484

■ 1.0084, 0.2971,  
0.3564

■ 97.5926, 0.3094,  
0.3348

■ 97.5926, 0.3094,  
0.3348

■ 92.5051, 0.3017,  
0.3496

99.9890, 0.3127,  
0.3290

■ 88.0821, 0.2943,  
0.3660

■ 84.2989, 0.2875,  
0.3842

■ 81.1242, 0.2816,  
0.4038

■ 78.5244, 0.2768,  
0.4247

■ 76.4621, 0.2737,  
0.4463

■ 74.8954, 0.2723,  
0.4680

■ 73.7761, 0.2730,  
0.4893

■ 73.0450, 0.2757,  
0.5092

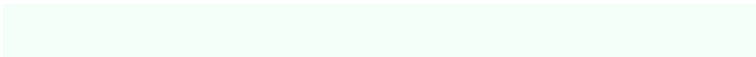
# Harmonies

## Analogous

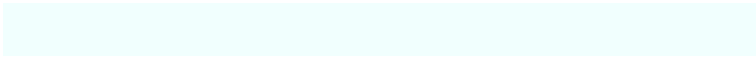
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.5926, 0.3148, 0.3377



97.5926, 0.3094, 0.3348



97.5926, 0.3049, 0.3303

# Triad

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



97.5926, 0.3094, 0.3348



97.5926, 0.3058, 0.3199



97.5926, 0.3230, 0.3324

# Complementary

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



97.5926, 0.3094, 0.3348



92.9121, 0.3162, 0.3233

# 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.



97.5926, 0.3206, 0.3277



97.5926, 0.3094, 0.3348



97.5926, 0.3106, 0.3205

# Square

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



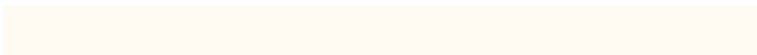
97.5926, 0.3094, 0.3348



97.5926, 0.3029, 0.3217



97.5926, 0.3160, 0.3233

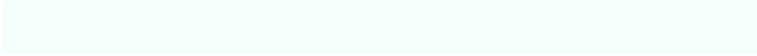


97.5926, 0.3227, 0.3362

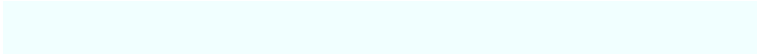


# Rectangle

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



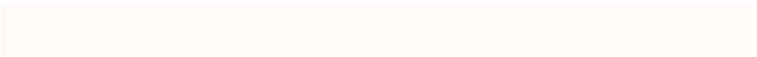
97.5926, 0.3094, 0.3348



97.5926, 0.3031, 0.3271



97.5926, 0.3160, 0.3233



97.5926, 0.3225, 0.3308

# Sweetspot

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



97.5968, 0.3094, 0.3348



99.4299, 0.3119, 0.3303



98.3837, 0.3160, 0.3395



21.2881, 0.3120, 0.3303



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

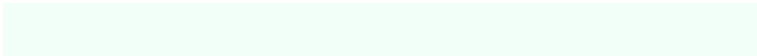


# Same Dimension

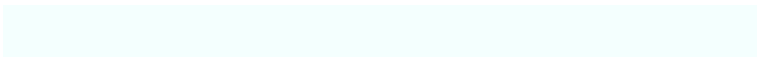
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.5968, 0.3094, 0.3348



97.2198, 0.3088, 0.3358



97.9403, 0.3063, 0.3295



20.7284, 0.3083, 0.3368



38.0506, 0.2769, 0.5169



3.7265, 0.2708, 0.4950



# Inverse Universe

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



92.9121, 0.3162, 0.3233



91.7673, 0.3168, 0.3223



92.5765, 0.3195, 0.3285



19.4037, 0.3174, 0.3213



12.1237, 0.4762, 0.2397

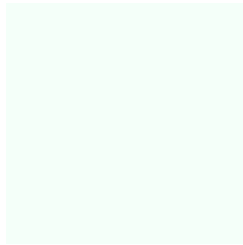


1.2025, 0.4536, 0.2272



# Previews

## White Background



This preview shows how the Yxy color 97.5926, 0.3094, 0.3348 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

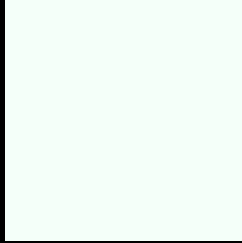
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 97.5926, 0.3094, 0.3348 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

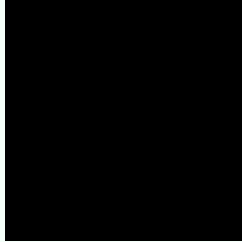
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 97.5926, 0.3094, 0.3348**

## **Background**



This preview shows how black text looks on a background with the Yxy color 97.5926, 0.3094, 0.3348.



This preview shows how white text looks on a background with the Yxy color 97.5926, 0.3094, 0.3348.

# 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

A vertical bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light yellow bottom section. To the right of these sections are three rows of text, each corresponding to a color vision condition. The text is in a sans-serif font, with the condition name in bold and the numerical values in blue.

**Original Color**

97.5926, 0.3094, 0.3348

**Protanopia**

97.7204, 0.3164, 0.3319

**Deuteranopia**

97.2826, 0.3146, 0.3281

## **Tritanopia**

97.5363, 0.3110, 0.3261

# Trichromacy



**Original Color**

97.5926, 0.3094, 0.3348

**Protanomaly**

97.5993, 0.3138, 0.3329

**Deuteranomaly**

97.0951, 0.3127, 0.3300

**Tritanomaly**

97.4821, 0.3102, 0.3290

# Monochromacy



**Original Color**

97.5926, 0.3094, 0.3348



**Achromatopsia**

96.4686, 0.3127, 0.3290

**Achromatomaly**

96.4794, 0.3114, 0.3309

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 97.5926, 0.3094, 0.3348 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(244, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 249) }
```

## Border

The CSS property to change the border of an element to Yxy 97.5926, 0.3094, 0.3348 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(244, 255, 249) }
```

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

```
.border{ border-color:rgb(244, 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(244, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
249) }
```



# Background

The CSS property to change the background color of an element to Yxy 97.5926, 0.3094, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 249) }
```

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

```
.background{ background-color: rgb(244,  
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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