

# Converting Colors

Yxy(94.4207, 0.3113, 0.3257)

Have a look what the booklet for  
Yxy(94.4207, 0.3113, 0.3257)  
contains.

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# **Color**

**Yxy(94.3028, 0.3110, 0.3251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F8FC
RGB	249, 248, 252
RGB Percent	98%, 97%, 99%
CMY	0.0234, 0.0275, 0.0117
CMYK	0.01, 0.02, 0.00, 0.01
HSL	255°, 40%, 98%
HSV	255°, 2%, 99%
XYZ	90.2128, 94.3028, 105.5576
YIQ	248.7550, -0.6880, 1.4560

# Conversions

## Conversions Part 2

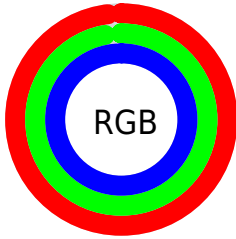
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 248, 252
Decimal	16382204
CIE <sub>Lab</sub>	97.75, 1.06, -1.82
CIE <sub>LCh</sub>	98, 2.101, 300.202
Yxy	94.3028, 0.3110, 0.3251
Android (android.graphics.Color)	4294572284 (0xFFFF9F8FC)
YUV	248.7550, 1.5998, 0.2149
Hunter-Lab	97.1096, -4.1192, 3.5288

# Details

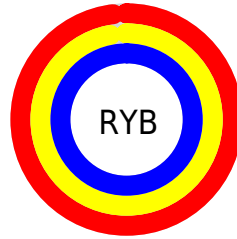
The Yxy color 94.3028, 0.3110, 0.3251 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.9183, 0.3144, 0.3329, and the grayscale version is 94.5126, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9769, 0.3113, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 76.5590, 0.2993, 0.2990, and if you desaturate by 10%, it is 99.8095, 0.3144, 0.3318.

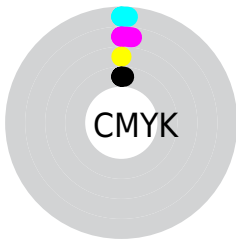
# Distribution



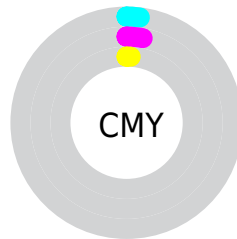
- Red (98%)
- Green (97%)
- Blue (99%)



- Red (98%)
- Yellow (97%)
- Blue (99%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)




- Cyan (2%)
- Magenta (3%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.3028, 0.3110, 0.3251 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 94.3028, 0.3110, 0.3251 by changing the saturation by 10% instead.




 94.3028, 0.3110,  
0.3251

 94.3028, 0.3110,  
0.3251


541.9306, 0.3118,  
0.3268

 71.5548, 0.3108,  
0.3247

153.3010, 0.3113,  
0.3257

 52.7951, 0.3106,  
0.3243


190.3201, 0.3114,  
0.3259

 37.6392, 0.3104,  
0.3237


232.8650, 0.3115,  
0.3261

 25.7028, 0.3101,  
0.3230

281.3201, 0.3115,  
0.3263

 16.6014, 0.3096,  
0.3220

336.0698, 0.3116,  
0.3265

 9.9507, 0.3091,  
0.3208

397.4985, 0.3117,

 5.3663, 0.3082,

0.3266

0.3189

465.9906, 0.3117,  
0.3267

■ 2.4638, 0.3069,  
0.3159

■ 0.8584, 0.3044,  
0.3105

■ 94.3028, 0.3110,  
0.3251

■ 94.3028, 0.3110,  
0.3251

■ 76.5590, 0.2993,  
0.2990

99.8095, 0.3144,  
0.3318

■ 61.1497, 0.2857,  
0.2702

■ 47.9799, 0.2705,  
0.2389

■ 36.9437, 0.2537,  
0.2061

■ 27.9265, 0.2358,  
0.1729

■ 20.8025, 0.2175,  
0.1412

■ 15.4318, 0.2000,  
0.1132

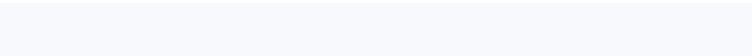
■ 11.6540, 0.1844,  
0.0907

■ 9.2782, 0.1717,  
0.0753

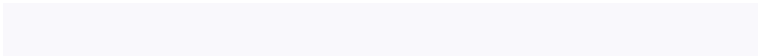
# Harmonies

## Analogous

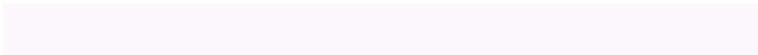
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3028, 0.3091, 0.3252



94.3028, 0.3110, 0.3251



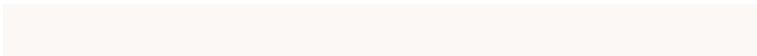
94.3028, 0.3133, 0.3260

# Triad

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



94.3028, 0.3110, 0.3251



94.3028, 0.3172, 0.3316



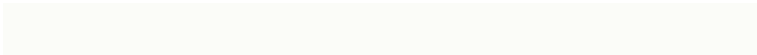
94.3028, 0.3100, 0.3303

# Complementary

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



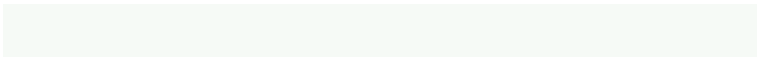
94.3028, 0.3110, 0.3251



96.9183, 0.3144, 0.3329

# 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.



94.3028, 0.3121, 0.3321



94.3028, 0.3110, 0.3251



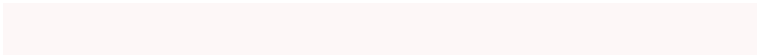
94.3028, 0.3163, 0.3328

# Square

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



94.3028, 0.3110, 0.3251



94.3028, 0.3169, 0.3298



94.3028, 0.3144, 0.3330

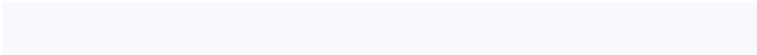


94.3028, 0.3085, 0.3282

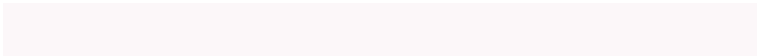


# Rectangle

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



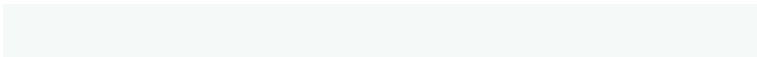
94.3028, 0.3110, 0.3251



94.3028, 0.3148, 0.3271



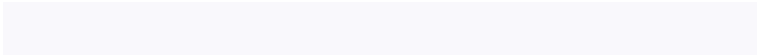
94.3028, 0.3144, 0.3330



94.3028, 0.3106, 0.3310

# Sweetspot

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



94.3068, 0.3110, 0.3251

100.0000, 0.3127, 0.3290



95.9886, 0.3102, 0.3280



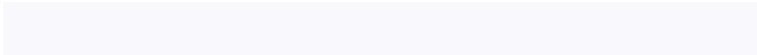
21.4041, 0.3127, 0.3290



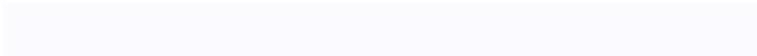
0.0000, 0.0000, 0.0000

# Same Dimension

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



94.3068, 0.3110, 0.3251



96.0754, 0.3106, 0.3241



94.6748, 0.3123, 0.3251



19.7269, 0.3107, 0.3244



4.2916, 0.1649, 0.0682

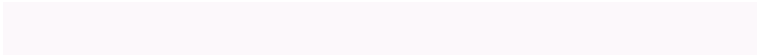


0.4457, 0.1765, 0.0746



# Inverse Universe

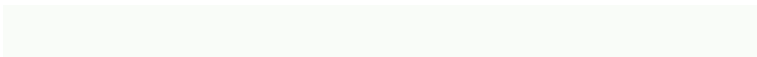
The Inverse Universe completely reimagines the original color for something new.



94.7972, 0.3135, 0.3261



96.7057, 0.3137, 0.3254



96.5504, 0.3132, 0.3329



19.8495, 0.3137, 0.3256



12.6921, 0.3981, 0.1967

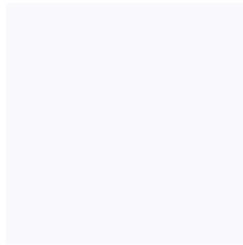


1.1926, 0.3868, 0.1905



# Previews

## White Background



This preview shows how the Yxy color 94.3028, 0.3110, 0.3251 looks on a white background.

## Color Contrast Check

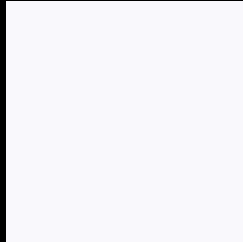
Large Text (above 18pt) WCAG AA × Fail

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 94.3028, 0.3110, 0.3251 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

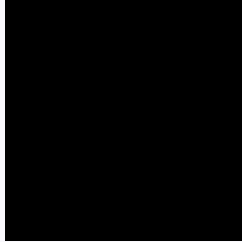
Any Text WCAG AAA ✓ Pass

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

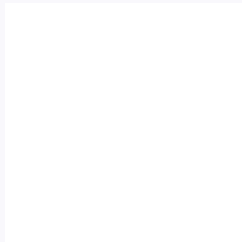


**Yxy 94.3028, 0.3110, 0.3251**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.3028, 0.3110, 0.3251.



This preview shows how white text looks on a background with the Yxy color 94.3028, 0.3110, 0.3251.

# 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**

94.3028, 0.3110, 0.3251

**Protanopia**

94.2453, 0.3129, 0.3242

**Deuteranopia**

94.0737, 0.3161, 0.3252

## Tritanopia

94.4945, 0.3092, 0.3222

# Trichromacy

## Original Color

94.3028, 0.3110, 0.3251

## Protanomaly

94.0590, 0.3123, 0.3242

## Deuteranomaly

94.3692, 0.3142, 0.3252

## Tritanomaly

94.4303, 0.3098, 0.3232

# Monochromacy

## Original Color

94.3028, 0.3110, 0.3251

## Achromatopsia

94.7307, 0.3127, 0.3290

## Achromatomaly

94.7932, 0.3121, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 94.3028, 0.3110, 0.3251 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(249, 248, 252) looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 252)  
}
```

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(249, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 252) }
```

## Border

The CSS property to change the border of an element to Yxy 94.3028, 0.3110, 0.3251 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(249, 248, 252) }
```

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

```
.border{ border-color:rgb(249, 248, 252) }
```

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

Here you see how a box with a 4 pixel rgb(249, 248, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
252) }
```

# Background

The CSS property to change the background color of an element to Yxy 94.3028, 0.3110, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 252) }
```

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

```
.background{ background-color: rgb(249,  
248, 252) }
```

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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