

Converting Colors

$Y_{xy}(94.2842, 0.3114, 0.3247)$

Have a look what the booklet for
Yxy(94.2842, 0.3114, 0.3247)
contains.

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Color

Yxy(94.4871, 0.3116, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FAF8FC
RGB	250, 248, 252
RGB Percent	98%, 97%, 99%
CMY	0.0197, 0.0274, 0.0116
CMYK	0.01, 0.02, 0.00, 0.01
HSL	270°, 40%, 98%
HSV	270°, 2%, 99%
XYZ	90.5635, 94.4871, 105.5896
YIQ	249.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

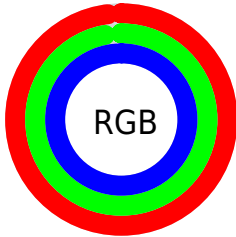
Format	Color
R _{YB}	250, 248, 252
Decimal	16447740
CIE Lab	97.83, 1.37, -1.71
CIE LCh	98, 2.192, 308.807
Yxy	94.4871, 0.3116, 0.3251
Android (android.graphics.Color)	4294637820 (0xFFFAF8FC)
YUV	249.0540, 1.4524, 0.8296
Hunter-Lab	97.2045, -3.8030, 3.6386

Details

The Yxy color 94.4871, 0.3116, 0.3251 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.7560, 0.3138, 0.3329, and the grayscale version is 94.7690, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1087, 0.3121, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 77.7360, 0.3039, 0.2994, and if you desaturate by 10%, it is 99.8106, 0.3144, 0.3318.

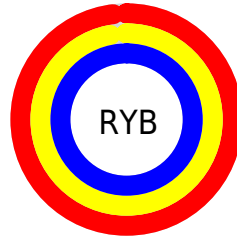
Distribution



Red (98%)

Green (97%)

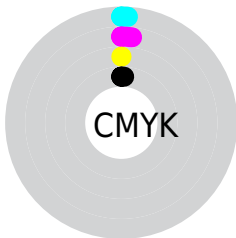
Blue (99%)



Red (98%)

Yellow (97%)

Blue (99%)

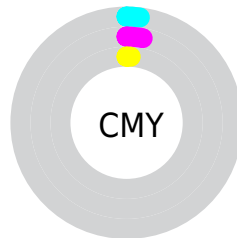


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (1%)



Cyan (2%)

Magenta (3%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.4871, 0.3116, 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 94.4871, 0.3116, 0.3251 by changing the saturation by 10% instead.


 94.4871, 0.3116,
0.3251

 94.4871, 0.3116,
0.3251

542.5217, 0.3121,
0.3268

 71.7082, 0.3115,
0.3247

153.5558, 0.3118,
0.3257

 52.9203, 0.3114,
0.3243


190.6144, 0.3118,
0.3259

 37.7392, 0.3112,
0.3237


233.2016, 0.3119,
0.3261

 25.7803, 0.3110,
0.3230

281.7019, 0.3119,
0.3263

 16.6594, 0.3107,
0.3221

336.4997, 0.3120,
0.3265

 9.9919, 0.3103,
0.3208

397.9793, 0.3120,

 5.3936, 0.3098,

0.3266

0.3189

466.5252, 0.3121,
0.3267

■ 2.4800, 0.3089,
0.3160

■ 0.8666, 0.3072,
0.3106

■ 94.4871, 0.3116,
0.3251

■ 94.4871, 0.3116,
0.3251

■ 77.7360, 0.3039,
0.2994

99.8106, 0.3144,
0.3318

■ 63.1422, 0.2949,
0.2717

■ 50.6183, 0.2846,
0.2424

■ 40.0660, 0.2730,
0.2123

■ 31.3788, 0.2603,
0.1825

■ 24.4398, 0.2469,
0.1544

■ 19.1185, 0.2333,
0.1296

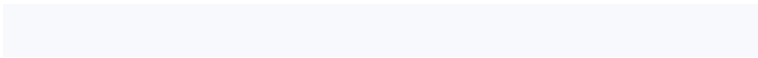
■ 15.2652, 0.2202,
0.1095

■ 12.7001, 0.2080,
0.0951

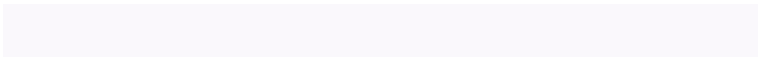
Harmonies

Analogous

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



94.4871, 0.3095, 0.3249



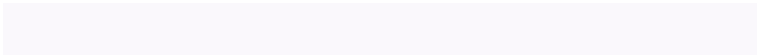
94.4871, 0.3116, 0.3251



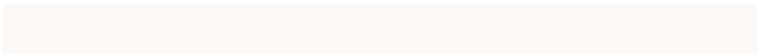
94.4871, 0.3140, 0.3263

Triad

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



94.4871, 0.3116, 0.3251



94.4871, 0.3173, 0.3322



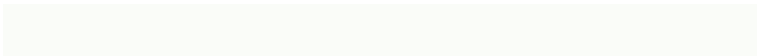
94.4871, 0.3093, 0.3298

Complementary

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



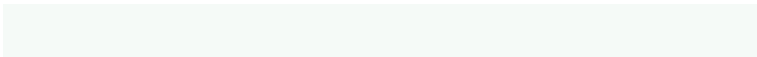
94.4871, 0.3116, 0.3251



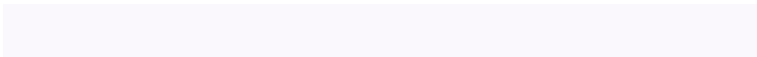
96.7560, 0.3138, 0.3329

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.



94.4871, 0.3114, 0.3317



94.4871, 0.3116, 0.3251



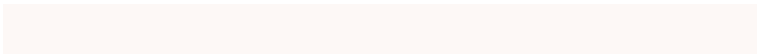
94.4871, 0.3160, 0.3331

Square

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



94.4871, 0.3116, 0.3251



94.4871, 0.3173, 0.3304



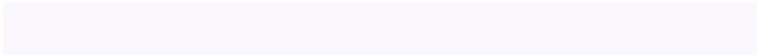
94.4871, 0.3138, 0.3330



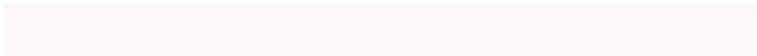
94.4871, 0.3081, 0.3276

Rectangle

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



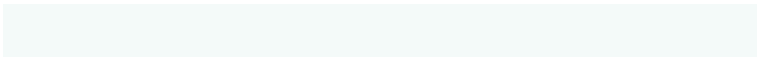
94.4871, 0.3116, 0.3251



94.4871, 0.3155, 0.3276



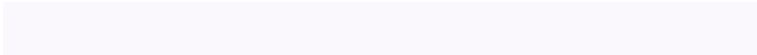
94.4871, 0.3138, 0.3330



94.4871, 0.3099, 0.3305

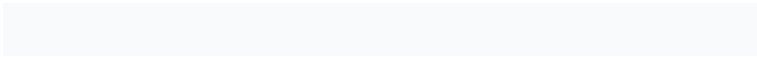
Sweetspot

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



94.4912, 0.3116, 0.3251

100.0000, 0.3127, 0.3290



95.4147, 0.3103, 0.3271



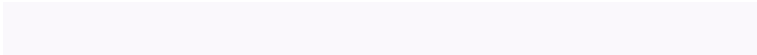
21.4041, 0.3127, 0.3290



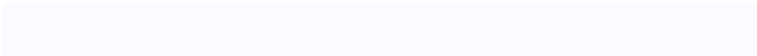
0.0000, 0.0000, 0.0000

Same Dimension

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



94.4912, 0.3116, 0.3251



96.3008, 0.3113, 0.3241



94.8591, 0.3129, 0.3251



19.7708, 0.3114, 0.3244



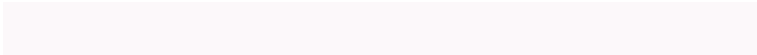
5.9778, 0.2006, 0.0879



0.6166, 0.2135, 0.0950

Inverse Universe

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



94.7466, 0.3141, 0.3270



96.6286, 0.3144, 0.3265



96.3917, 0.3126, 0.3329



19.8345, 0.3143, 0.3267



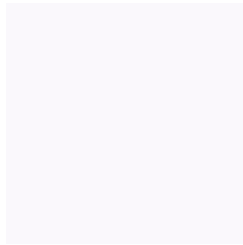
11.6232, 0.4928, 0.2488



1.0979, 0.4666, 0.2344

Previews

White Background



This preview shows how the Yxy color 94.4871, 0.3116, 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 94.4871, 0.3116, 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

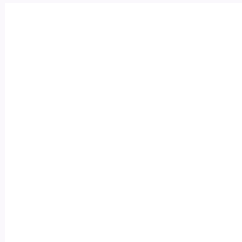
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.4871, 0.3116, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 94.4871, 0.3116, 0.3251.



This preview shows how white text looks on a background with the Yxy color 94.4871, 0.3116, 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

94.4871, 0.3116, 0.3251

Protanopia

94.2453, 0.3129, 0.3242

Deuteranopia

94.6837, 0.3160, 0.3261

Tritanopia

94.6788, 0.3099, 0.3223

Trichromacy

Original Color

94.4871, 0.3116, 0.3251

Protanomaly

94.0590, 0.3123, 0.3242

Deuteranomaly

94.3692, 0.3142, 0.3252

Tritanomaly

94.6146, 0.3105, 0.3232

Monochromacy

Original Color

94.4871, 0.3116, 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 94.4871, 0.3116, 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 $rgb(250, 248, 252)$ looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 252) }
```

Border

The CSS property to change the border of an element to Yxy 94.4871, 0.3116, 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(250, 248, 252) }
```

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

```
.border{ border-color:rgb(250, 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(250, 248, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(250, 248,  
252) }
```

Background

The CSS property to change the background color of an element to Yxy 94.4871, 0.3116, 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(250, 248, 252) }
```

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

```
.background{ background-color: rgb(250,  
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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