

# Converting Colors

Yxy(94.7354, 0.3061, 0.3130)

Have a look what the booklet for  
Yxy(94.7354, 0.3061, 0.3130)  
contains.

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# Color

**Yxy(94.4370, 0.3112, 0.3213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCF7FF
RGB	252, 247, 255
RGB Percent	99%, 97%, 100%
CMY	0.0116, 0.0314, 0.0000
CMYK	0.01, 0.03, 0.00, 0.00
HSL	278°, 100%, 98%
HSV	278°, 3%, 100%
XYZ	91.4684, 94.4370, 108.0162
YIQ	249.4070, 0.4120, 3.5480

# Conversions

## Conversions Part 2

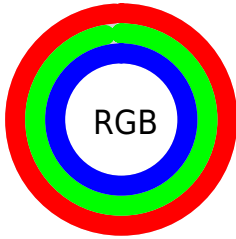
Format	Color
R <sub>Y</sub> B	252, 247, 255
Decimal	16578559
CIE Lab	97.81, 3.09, -3.25
CIE LCh	98, 4.485, 313.609
Yxy	94.4370, 0.3112, 0.3213
Android (android.graphics.Color)	4294768639 (0xFFFCF7FF)
YUV	249.4070, 2.7573, 2.2741
Hunter-Lab	97.1787, -2.0516, 2.1230

# Details

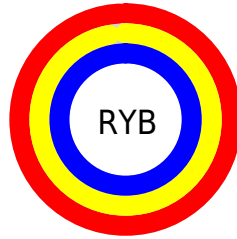
The Yxy color 94.4370, 0.3112, 0.3213 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.5484, 0.3142, 0.3367, and the grayscale version is 95.0677, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9409, 0.3107, 0.3204 is the 20% darker color. If you saturate the color by 10%, you get 78.1854, 0.3058, 0.2956, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

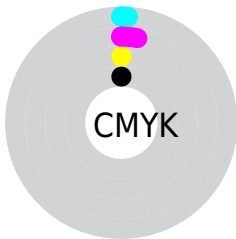
# Distribution



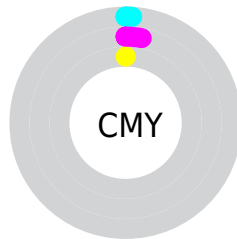
- Red (99%)
- Green (97%)
- Blue (100%)



- Red (99%)
- Yellow (97%)
- Blue (100%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (3%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.4370, 0.3112, 0.3213 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 94.4370, 0.3112, 0.3213 by changing the saturation by 10% instead.



 94.4370, 0.3112,  
0.3213

 94.4370, 0.3112,  
0.3213


542.3610, 0.3119,  
0.3247

 71.6665, 0.3110,  
0.3206


153.4866, 0.3114,  
0.3224

 52.8863, 0.3109,  
0.3197


190.5344, 0.3115,  
0.3229

 37.7120, 0.3106,  
0.3186

233.1101, 0.3116,  
0.3233

 25.7592, 0.3103,  
0.3172

281.5982, 0.3117,  
0.3236

 16.6436, 0.3100,  
0.3154

336.3829, 0.3117,  
0.3239

 9.9807, 0.3094,  
0.3129

397.8486, 0.3118,

 5.3862, 0.3086,

0.3242

0.3093

466.3799, 0.3118,  
0.3245

■ 2.4756, 0.3074,  
0.3036

■ 0.8644, 0.3050,  
0.2934

■ 94.4370, 0.3112,  
0.3213

■ 94.4370, 0.3112,  
0.3213

■ 78.1854, 0.3058,  
0.2956

100.0000, 0.3127,  
0.3290

■ 64.0621, 0.2994,  
0.2683

■ 51.9780, 0.2920,  
0.2401

■ 41.8330, 0.2836,  
0.2117

■ 33.5182, 0.2744,  
0.1843

■ 26.9140, 0.2645,  
0.1592

■ 21.8857, 0.2544,  
0.1376

■ 18.2781, 0.2444,  
0.1207

■ 15.9024, 0.2348,  
0.1089

# Harmonies

## Analogous

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



94.4370, 0.3066, 0.3205



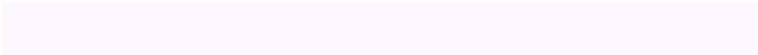
94.4370, 0.3112, 0.3213



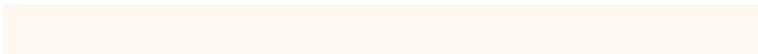
94.4370, 0.3162, 0.3241

# Triad

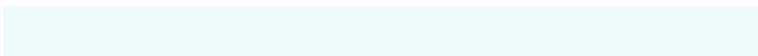
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.4370, 0.3112, 0.3213



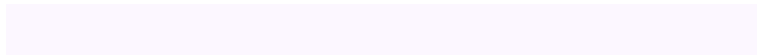
94.4370, 0.3218, 0.3360



94.4370, 0.3052, 0.3298

# Complementary

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



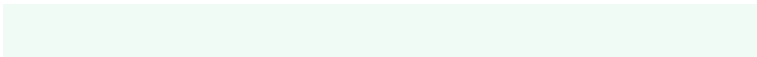
94.4370, 0.3112, 0.3213



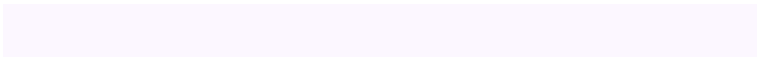
98.5484, 0.3142, 0.3367

# 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.



94.4370, 0.3092, 0.3340



94.4370, 0.3112, 0.3213



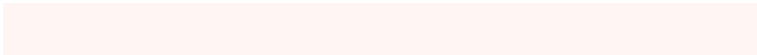
94.4370, 0.3188, 0.3376

# Square

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



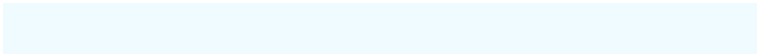
94.4370, 0.3112, 0.3213



94.4370, 0.3223, 0.3325



94.4370, 0.3142, 0.3369

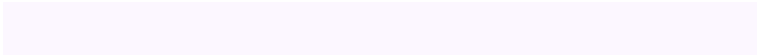


94.4370, 0.3032, 0.3254

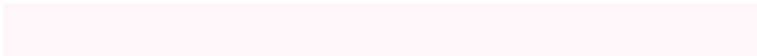


# Rectangle

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



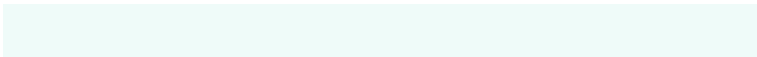
94.4370, 0.3112, 0.3213



94.4370, 0.3191, 0.3267



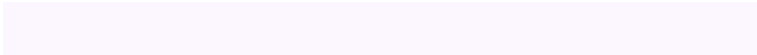
94.4370, 0.3142, 0.3369



94.4370, 0.3064, 0.3313

# Sweetspot

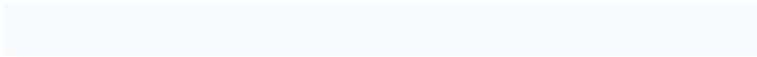
The Sweet Spot groups the original color and five complimentary colors.



94.4409, 0.3112, 0.3213



98.2060, 0.3122, 0.3266



95.4020, 0.3079, 0.3242



21.0390, 0.3123, 0.3267



0.0000, 0.0000, 0.0000

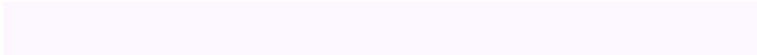


21.4041, 0.3127, 0.3290

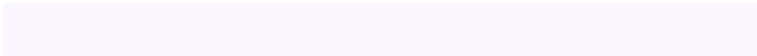


# Same Dimension

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



94.4409, 0.3112, 0.3213



92.9578, 0.3108, 0.3192



94.9363, 0.3136, 0.3222



19.6218, 0.3104, 0.3173



7.8204, 0.2300, 0.1041



0.8236, 0.2403, 0.1097



# Inverse Universe

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



94.6749, 0.3161, 0.3262



93.2559, 0.3170, 0.3254



98.0653, 0.3118, 0.3359



19.6976, 0.3179, 0.3247



11.5572, 0.5511, 0.2809

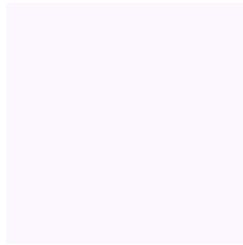


1.1455, 0.5200, 0.2638



# Previews

## White Background



This preview shows how the Yxy color 94.4370, 0.3112, 0.3213 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 94.4370, 0.3112, 0.3213 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 94.4370, 0.3112, 0.3213**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.4370, 0.3112, 0.3213.



This preview shows how white text looks on a background with the Yxy color 94.4370, 0.3112, 0.3213.

# 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

94.4370, 0.3112, 0.3213

### Protanopia

94.2508, 0.3105, 0.3213

### Deuteranopia

94.1366, 0.3155, 0.3242

## **Tritanopia**

94.2508, 0.3105, 0.3213

# Trichromacy

## Original Color

94.4370, 0.3112, 0.3213

## Protanomaly

94.2508, 0.3105, 0.3213

## Deuteranomaly

94.0106, 0.3143, 0.3232

## Tritanomaly

94.2508, 0.3105, 0.3213

# Monochromacy

## Original Color

94.4370, 0.3112, 0.3213

## Achromatopsia

94.7307, 0.3127, 0.3290

## Achromatomaly

94.4238, 0.3122, 0.3261

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 94.4370, 0.3112, 0.3213 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(252, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 255)  
}
```

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(252, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 255) }
```

## Border

The CSS property to change the border of an element to Yxy 94.4370, 0.3112, 0.3213 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(252, 247, 255) }
```

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

```
.border{ border-color:rgb(252, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
255) }
```



# Background

The CSS property to change the background color of an element to Yxy 94.4370, 0.3112, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 255) }
```

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

```
.background{ background-color: rgb(252,  
247, 255) }
```

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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