

# Converting Colors

Yxy(94.9598, 0.3161, 0.3319)

Have a look what the booklet for  
Yxy(94.9598, 0.3161, 0.3319)  
contains.

<b>Yxy(94.9144, 0.3158, 0.3319)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(94.9144, 0.3158, 0.3319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF9F6
RGB	251, 249, 246
RGB Percent	98%, 98%, 96%
CMY	0.0154, 0.0236, 0.0353
CMYK	0.00, 0.01, 0.02, 0.02
HSL	35°, 39%, 97%
HSV	35°, 2%, 98%
XYZ	90.3102, 94.9144, 100.7482
YIQ	249.2560, 2.1550, -0.5090

# Conversions

## Conversions Part 2

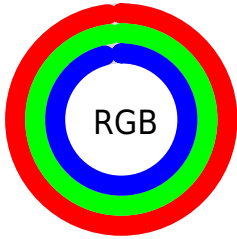
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 251, 246
Decimal	16513526
CIE Lab	98.00, 0.18, 1.66
CIE LCh	98, 1.670, 83.952
Yxy	94.9144, 0.3158, 0.3319
Android (android.graphics.Color)	4294703606 (0xFFFBF9F6)
YUV	249.2560, -1.6052, 1.5295
Hunter-Lab	97.4240, -5.0259, 6.8838

# Details

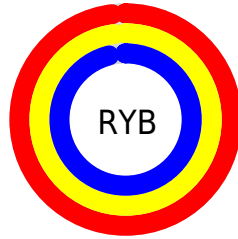
The Yxy color 94.9144, 0.3158, 0.3319 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.7436, 0.3096, 0.3261, and the grayscale version is 94.9743, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4597, 0.3166, 0.3327 is the 20% darker color. If you saturate the color by 10%, you get 87.2899, 0.3322, 0.3468, and if you desaturate by 10%, it is 99.2610, 0.3103, 0.3290.

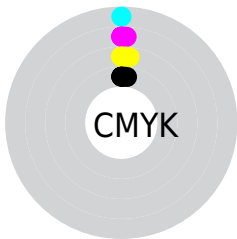
# Distribution



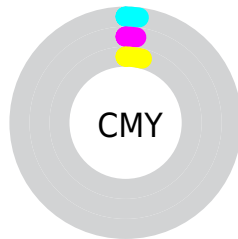
- Red (98%)
- Green (98%)
- Blue (96%)



- Red (98%)
- Yellow (98%)
- Blue (96%)



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




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

# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.9144, 0.3158, 0.3319 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 94.9144, 0.3158, 0.3319 by changing the saturation by 10% instead.




 94.9144, 0.3158,  
0.3319

 94.9144, 0.3158,  
0.3319


543.8909, 0.3144,  
0.3306

 72.0637, 0.3161,  
0.3322

154.1463, 0.3153,  
0.3315

 53.2107, 0.3165,  
0.3325


191.2964, 0.3152,  
0.3313

 37.9710, 0.3169,  
0.3329

233.9817, 0.3150,  
0.3312

 25.9602, 0.3175,  
0.3335

282.5867, 0.3149,  
0.3310

 16.7939, 0.3182,  
0.3341

337.4957, 0.3147,  
0.3309

 10.0876, 0.3192,  
0.3351

399.0931, 0.3146,

 5.4571, 0.3207,

0.3308

467.7634, 0.3145,  
0.3307

0.3365

■ 2.5179, 0.3230,  
0.3387

■ 0.8856, 0.3279,  
0.3433

■ 94.9144, 0.3158,  
0.3319

■ 94.9144, 0.3158,  
0.3319

■ 87.2899, 0.3322,  
0.3468

■ 99.2610, 0.3103,  
0.3290

■ 80.2044, 0.3507,  
0.3624

■ 73.6476, 0.3711,  
0.3784

■ 67.6042, 0.3932,  
0.3940

■ 62.0577, 0.4167,  
0.4085

■ 56.9909, 0.4408,  
0.4207

■ 52.3845, 0.4643,  
0.4295

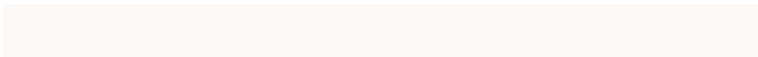
■ 48.2174, 0.4859,  
0.4336

■ 44.4651, 0.5044,  
0.4323

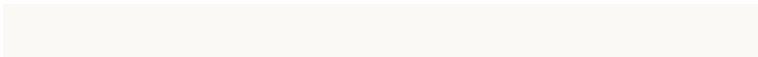
# Harmonies

## Analogous

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



94.9144, 0.3163, 0.3308



94.9144, 0.3158, 0.3319



94.9144, 0.3144, 0.3322

# Triad

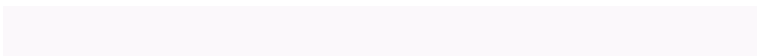
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.9144, 0.3158, 0.3319



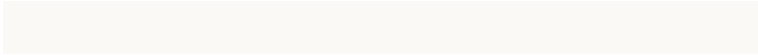
94.9144, 0.3096, 0.3288



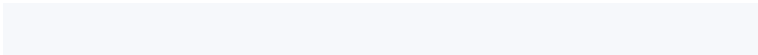
94.9144, 0.3128, 0.3264

# Complementary

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



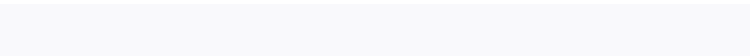
94.9144, 0.3158, 0.3319



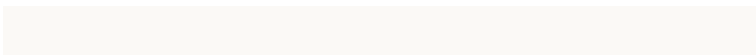
93.7436, 0.3096, 0.3261

# 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.



94.9144, 0.3110, 0.3259



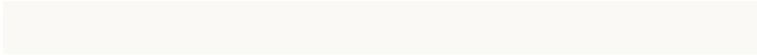
94.9144, 0.3158, 0.3319



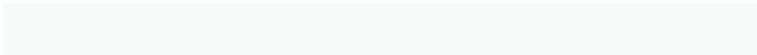
94.9144, 0.3091, 0.3272

# Square

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



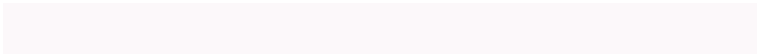
94.9144, 0.3158, 0.3319



94.9144, 0.3108, 0.3304



94.9144, 0.3097, 0.3261



94.9144, 0.3146, 0.3277



# Rectangle

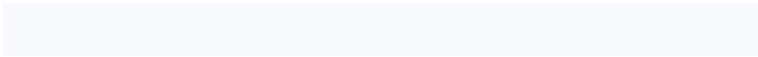
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.9144, 0.3158, 0.3319



94.9144, 0.3133, 0.3319



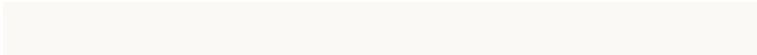
94.9144, 0.3097, 0.3261



94.9144, 0.3122, 0.3261

# Sweetspot

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



94.9185, 0.3158, 0.3319



99.1716, 0.3142, 0.3304



93.2170, 0.3147, 0.3270



21.2356, 0.3142, 0.3304



0.0000, 0.0000, 0.0000

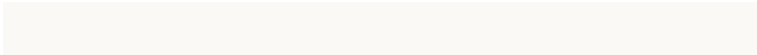


21.4041, 0.3127, 0.3290



# Same Dimension

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



94.9185, 0.3158, 0.3319



98.3490, 0.3158, 0.3319



96.1304, 0.3154, 0.3339



20.1692, 0.3156, 0.3317



22.2225, 0.5147, 0.4295



2.2668, 0.5002, 0.4410



# Inverse Universe

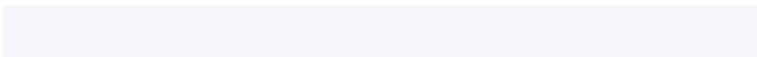
The Inverse Universe completely reimagines the original color for something new.



93.7436, 0.3096, 0.3261



97.1407, 0.3097, 0.3261



92.5502, 0.3100, 0.3241



19.9342, 0.3098, 0.3263



9.0202, 0.1692, 0.1290

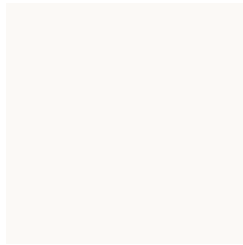


1.0383, 0.1757, 0.1523



# Previews

## White Background



This preview shows how the Yxy color 94.9144, 0.3158, 0.3319 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 94.9144, 0.3158, 0.3319 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

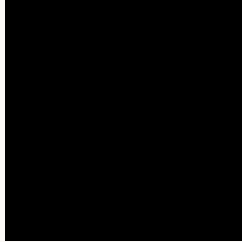
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 94.9144, 0.3158, 0.3319**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.9144, 0.3158, 0.3319.

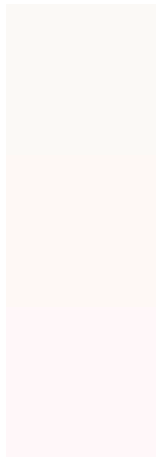


This preview shows how white text looks on a background with the Yxy color 94.9144, 0.3158, 0.3319.

# 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

94.9144, 0.3158, 0.3319

### Protanopia

94.7982, 0.3183, 0.3319

### Deuteranopia

94.6211, 0.3166, 0.3271

## Tritanopia

94.8640, 0.3105, 0.3223

# Trichromacy



**Original Color**

94.9144, 0.3158, 0.3319

**Protanomaly**

94.6100, 0.3177, 0.3319

**Deuteranomaly**

94.9829, 0.3165, 0.3290

**Tritanomaly**

94.6723, 0.3123, 0.3251

# Monochromacy



**Original Color**

94.9144, 0.3158, 0.3319

**Achromatopsia**

94.7307, 0.3127, 0.3290

**Achromatomaly**

94.8527, 0.3139, 0.3300

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 94.9144, 0.3158, 0.3319 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(251, 249, 246) looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 246)  
}
```

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(251, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 246) }
```

## Border

The CSS property to change the border of an element to Yxy 94.9144, 0.3158, 0.3319 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(251, 249, 246) }
```

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

```
.border{ border-color:rgb(251, 249, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 249, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
246) }
```



# Background

The CSS property to change the background color of an element to Yxy 94.9144, 0.3158, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 246) }
```

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

```
.background{ background-color: rgb(251,  
249, 246) }
```

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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