

# Converting Colors

$Y_{xy}(94.7776, 0.3166, 0.3353)$

Have a look what the booklet for  
Yxy(94.7776, 0.3166, 0.3353)  
contains.

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# Color

**Yxy(94.5464, 0.3169, 0.3349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF9F3
RGB	250, 249, 243
RGB Percent	98%, 98%, 95%
CMY	0.0197, 0.0235, 0.0472
CMYK	0.00, 0.00, 0.03, 0.02
HSL	52°, 41%, 97%
HSV	52°, 3%, 98%
XYZ	89.4648, 94.5464, 98.3012
YIQ	248.6150, 2.5220, -1.6540

# Conversions

## Conversions Part 2

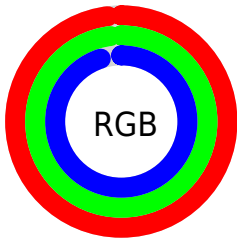
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">244, 250, 243</a>
Decimal	<a href="#">16447987</a>
CIELab	<a href="#">97.85, -0.73, 3.00</a>
CIELCh	<a href="#">98, 3.084, 103.633</a>
Yxy	<a href="#">94.5464, 0.3169, 0.3349</a>
Android (android.graphics.Color)	<a href="#">4294638067 (0xFFFAF9F3)</a>
YUV	<a href="#">248.6150, -2.7682, 1.2146</a>
Hunter-Lab	<a href="#">97.2350, -5.9254, 8.1244</a>

# Details

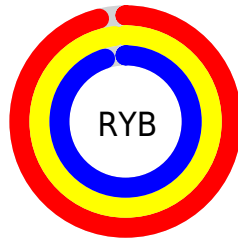
The Yxy color 94.5464, 0.3169, 0.3349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.6006, 0.3085, 0.3230, and the grayscale version is 94.4183, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1971, 0.3180, 0.3364 is the 20% darker color. If you saturate the color by 10%, you get 91.0651, 0.3325, 0.3566, and if you desaturate by 10%, it is 97.4159, 0.3097, 0.3265.

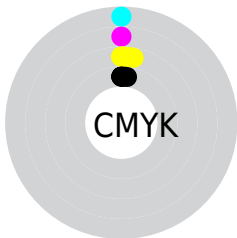
# Distribution



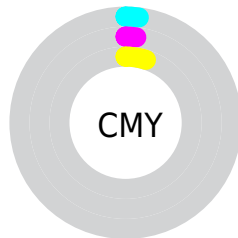
- Red (98%)
- Green (98%)
- Blue (95%)



- Red (96%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)




- Cyan (2%)
- Magenta (2%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.5464, 0.3169, 0.3349 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 94.5464, 0.3169, 0.3349 by changing the saturation by 10% instead.




 94.5464, 0.3169,  
0.3349

 94.5464, 0.3169,  
0.3349


542.7118, 0.3151,  
0.3323

 71.7575, 0.3173,  
0.3355


153.6378, 0.3163,  
0.3340

 52.9606, 0.3178,  
0.3362


190.7091, 0.3160,  
0.3337

 37.7713, 0.3184,  
0.3370


233.3099, 0.3158,  
0.3334

 25.8053, 0.3192,  
0.3381

281.8248, 0.3156,  
0.3331

 16.6780, 0.3202,  
0.3395

336.6380, 0.3155,  
0.3329

 10.0052, 0.3215,  
0.3415

398.1340, 0.3153,

 5.4024, 0.3235,

0.3327

0.3444

466.6971, 0.3152,  
0.3325

■ 2.4852, 0.3267,  
0.3489

■ 0.8692, 0.3348,  
0.3600

■ 94.5464, 0.3169,  
0.3349

■ 94.5464, 0.3169,  
0.3349

■ 91.0651, 0.3325,  
0.3566

■ 97.4159, 0.3097,  
0.3265

■ 87.8146, 0.3488,  
0.3788

■ 99.0582, 0.3096,  
0.3290

■ 84.7901, 0.3656,  
0.4011

■ 81.9819, 0.3824,  
0.4224

■ 79.3794, 0.3984,  
0.4419

■ 76.9712, 0.4130,  
0.4586

■ 74.7443, 0.4255,  
0.4714

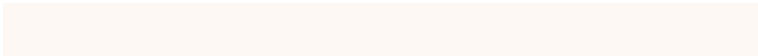
■ 72.6838, 0.4354,  
0.4799

■ 70.7716, 0.4424,  
0.4837

# Harmonies

## Analogous

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



94.5464, 0.3190, 0.3338



94.5464, 0.3169, 0.3349



94.5464, 0.3137, 0.3344

# Triad

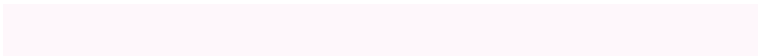
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.5464, 0.3169, 0.3349



94.5464, 0.3062, 0.3266



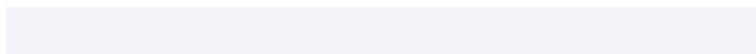
94.5464, 0.3151, 0.3256

# Complementary

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



94.5464, 0.3169, 0.3349



90.6006, 0.3085, 0.3230

# 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.



94.5464, 0.3117, 0.3237



94.5464, 0.3169, 0.3349



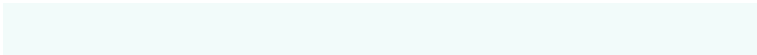
94.5464, 0.3065, 0.3242

# Square

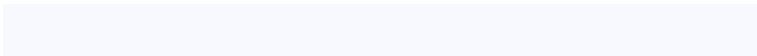
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



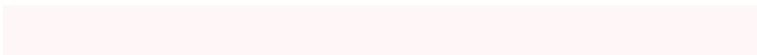
94.5464, 0.3169, 0.3349



94.5464, 0.3076, 0.3296



94.5464, 0.3085, 0.3232

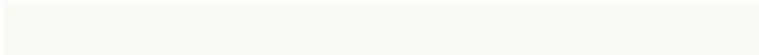


94.5464, 0.3179, 0.3284

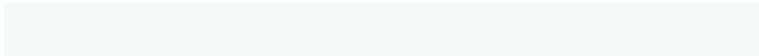


# Rectangle

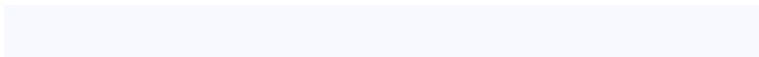
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



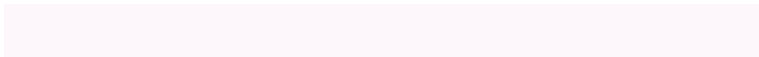
94.5464, 0.3169, 0.3349



94.5464, 0.3114, 0.3333



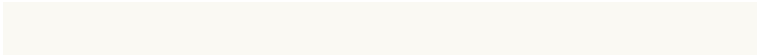
94.5464, 0.3085, 0.3232



94.5464, 0.3140, 0.3248

# Sweetspot

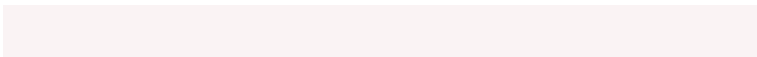
The Sweet Spot groups the original color and five complimentary colors.



94.5505, 0.3169, 0.3349



99.6164, 0.3142, 0.3311



90.9329, 0.3166, 0.3280



21.3261, 0.3141, 0.3310



0.0000, 0.0000, 0.0000

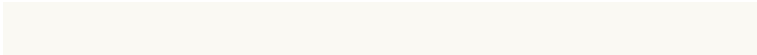


21.4041, 0.3127, 0.3290

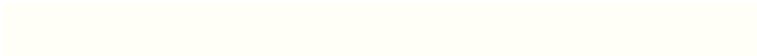


# Same Dimension

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



94.5505, 0.3169, 0.3349



98.8570, 0.3172, 0.3353



94.6892, 0.3153, 0.3358



20.1948, 0.3184, 0.3370



37.0150, 0.4454, 0.4845

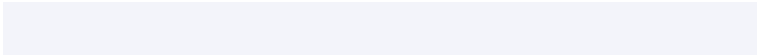


3.5357, 0.4418, 0.4874



# Inverse Universe

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



90.6006, 0.3085, 0.3230



94.4311, 0.3082, 0.3226



90.4699, 0.3101, 0.3221



19.0539, 0.3070, 0.3208



4.3817, 0.1529, 0.0704

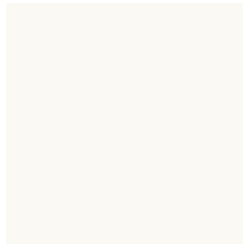


0.5192, 0.1576, 0.0873



# Previews

## White Background



This preview shows how the Yxy color 94.5464, 0.3169, 0.3349 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

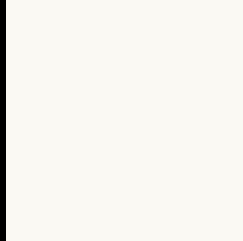
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 94.5464, 0.3169, 0.3349 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

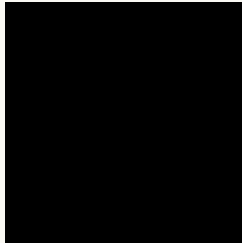
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 94.5464, 0.3169, 0.3349**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.5464, 0.3169, 0.3349.

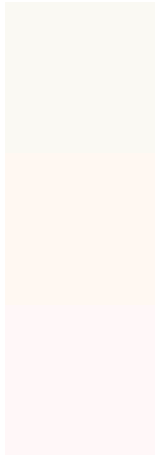


This preview shows how white text looks on a background with the Yxy color 94.5464, 0.3169, 0.3349.

# 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

94.5464, 0.3169, 0.3349

### Protanopia

94.8056, 0.3208, 0.3348

### Deuteranopia

94.5588, 0.3172, 0.3281

## Tritanopia

94.6788, 0.3099, 0.3223

# Trichromacy



**Original Color**

94.5464, 0.3169, 0.3349

**Protanomaly**

94.4283, 0.3195, 0.3348

**Deuteranomaly**

94.6713, 0.3171, 0.3309

**Tritanomaly**

94.4238, 0.3122, 0.3261

# Monochromacy



**Original Color**

94.5464, 0.3169, 0.3349

**Achromatopsia**

94.7307, 0.3127, 0.3290

**Achromatomaly**

94.6065, 0.3139, 0.3309

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  94.5464, 0.3169, 0.3349 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  $rgb(250, 249, 243)$  looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 243)  
}
```

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, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 243) }
```

## Border

The CSS property to change the border of an element to Yxy 94.5464, 0.3169, 0.3349 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, 249, 243) }
```

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

```
.border{ border-color:rgb(250, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
243) }
```



# Background

The CSS property to change the background color of an element to Yxy 94.5464, 0.3169, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 243) }
```

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

```
.background{ background-color: rgb(250,  
249, 243) }
```

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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