

# Converting Colors

Yxy(94.4586, 0.3177, 0.3346)

Have a look what the booklet for  
Yxy(94.4586, 0.3177, 0.3346)  
contains.

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# Color

**Yxy(94.7317, 0.3175, 0.3348)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | FBF9F3                    |
| RGB         | 251, 249, 243             |
| RGB Percent | 98%, 98%, 95%             |
| CMY         | 0.0158, 0.0235, 0.0469    |
| CMYK        | 0.00, 0.01, 0.03, 0.02    |
| HSL         | 45°, 50%, 97%             |
| HSV         | 45°, 3%, 98%              |
| XYZ         | 89.8367, 94.7317, 98.3818 |
| YIQ         | 248.9140, 3.1180, -1.4420 |

# Conversions

## Conversions Part 2

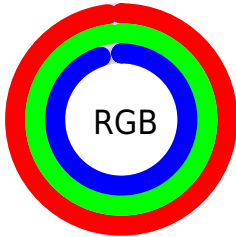
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 246, 251, 243                |
| Decimal                             | 16513523                     |
| CIE Lab                             | 97.93, -0.37, 3.07           |
| CIE LCh                             | 98, 3.095, 96.853            |
| Yxy                                 | 94.7317, 0.3175,<br>0.3348   |
| Android<br>(android.graphics.Color) | 4294703603<br>(0xFFFBF9F3)   |
| YUV                                 | 248.9140, -2.9156,<br>1.8294 |
| Hunter-Lab                          | 97.3302, -5.5708,<br>8.2006  |

# Details

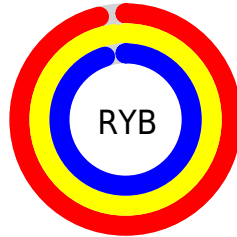
The Yxy color 94.7317, 0.3175, 0.3348 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.3438, 0.3079, 0.3231, and the grayscale version is 94.6822, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.3299, 0.3189, 0.3364 is the 20% darker color. If you saturate the color by 10%, you get 89.5293, 0.3335, 0.3538, and if you desaturate by 10%, it is 99.2453, 0.3102, 0.3290.

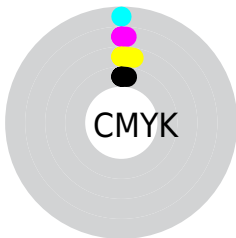
# Distribution



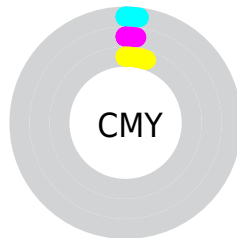
- Red (98%)
- Green (98%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (2%)




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

# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.7317, 0.3175, 0.3348 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 94.7317, 0.3175, 0.3348 by changing the saturation by 10% instead.



 94.7317, 0.3175,  
0.3348

 94.7317, 0.3175,  
0.3348


543.3057, 0.3154,  
0.3322

 71.9117, 0.3180,  
0.3354


153.8939, 0.3168,  
0.3339

 53.0865, 0.3185,  
0.3360

191.0048, 0.3165,  
0.3336

 37.8719, 0.3192,  
0.3369


233.6483, 0.3163,  
0.3333

 25.8833, 0.3201,  
0.3379

282.2085, 0.3160,  
0.3330

 16.7363, 0.3212,  
0.3393

337.0700, 0.3159,  
0.3328

 10.0467, 0.3228,  
0.3413

398.6171, 0.3157,

 5.4299, 0.3251,

0.3326

0.3441

467.2342, 0.3155,  
0.3324

■ 2.5016, 0.3287,  
0.3485

■ 0.8775, 0.3377,  
0.3592

■ 94.7317, 0.3175,  
0.3348

■ 94.7317, 0.3175,  
0.3348

■ 89.5293, 0.3335,  
0.3538

■ 99.2453, 0.3102,  
0.3290

■ 84.6486, 0.3508,  
0.3734

■ 80.0834, 0.3692,  
0.3931

■ 75.8229, 0.3881,  
0.4122

■ 71.8553, 0.4070,  
0.4298

■ 68.1679, 0.4251,  
0.4447

■ 64.7465, 0.4416,  
0.4559

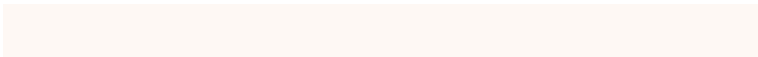
■ 61.5747, 0.4556,  
0.4625

■ 58.6331, 0.4665,  
0.4642

# Harmonies

## Analogous

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



94.7317, 0.3192, 0.3334



94.7317, 0.3175, 0.3348



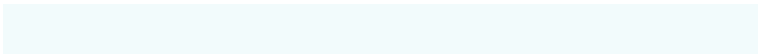
94.7317, 0.3145, 0.3347

# Triad

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



94.7317, 0.3175, 0.3348



94.7317, 0.3063, 0.3272



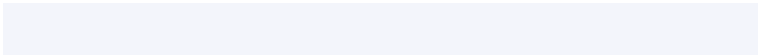
94.7317, 0.3144, 0.3251

# Complementary

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



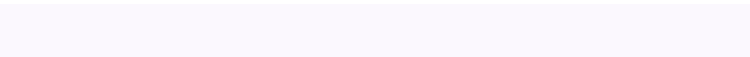
94.7317, 0.3175, 0.3348



91.3438, 0.3079, 0.3231

# 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.



94.7317, 0.3109, 0.3234



94.7317, 0.3175, 0.3348



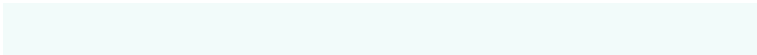
94.7317, 0.3063, 0.3246

# Square

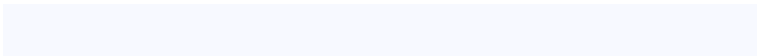
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



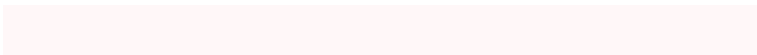
94.7317, 0.3175, 0.3348



94.7317, 0.3081, 0.3303



94.7317, 0.3080, 0.3233



94.7317, 0.3174, 0.3277



# Rectangle

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



94.7317, 0.3175, 0.3348



94.7317, 0.3122, 0.3337



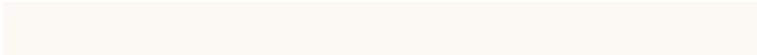
94.7317, 0.3080, 0.3233



94.7317, 0.3132, 0.3244

# Sweetspot

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



94.7358, 0.3175, 0.3348



99.4332, 0.3142, 0.3308



91.2304, 0.3167, 0.3271



21.2888, 0.3141, 0.3307



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

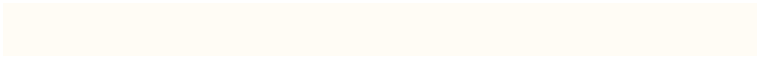


# Same Dimension

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



94.7358, 0.3175, 0.3348



97.7539, 0.3188, 0.3364



95.5941, 0.3161, 0.3367



19.9457, 0.3200, 0.3378



30.0701, 0.4714, 0.4639

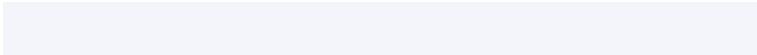


2.9519, 0.4638, 0.4699



# Inverse Universe

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



91.3438, 0.3079, 0.3231



93.3229, 0.3066, 0.3215



90.5125, 0.3093, 0.3212



18.8747, 0.3055, 0.3201



5.6853, 0.1579, 0.0883

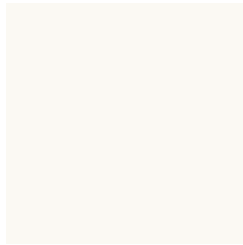


0.6866, 0.1640, 0.1102



# Previews

## White Background



This preview shows how the Yxy color 94.7317, 0.3175, 0.3348 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

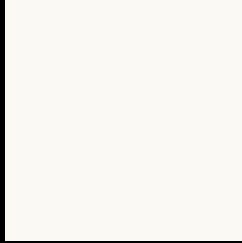
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 94.7317, 0.3175, 0.3348 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

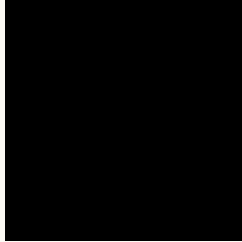
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 94.7317, 0.3175, 0.3348**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.7317, 0.3175, 0.3348.

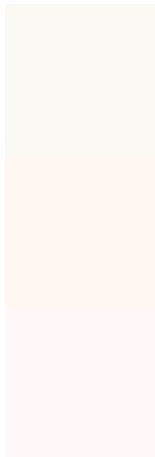


This preview shows how white text looks on a background with the Yxy color 94.7317, 0.3175, 0.3348.

# 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

94.7317, 0.3175, 0.3348

### Protanopia

94.8056, 0.3208, 0.3348

### Deuteranopia

94.5588, 0.3172, 0.3281

## Tritanopia

94.8640, 0.3105, 0.3223

# Trichromacy



**Original Color**

94.7317, 0.3175, 0.3348

**Protanomaly**

94.6164, 0.3201, 0.3348

**Deuteranomaly**

94.8595, 0.3177, 0.3309

**Tritanomaly**

94.6091, 0.3129, 0.3261

# Monochromacy



**Original Color**

94.7317, 0.3175, 0.3348

**Achromatopsia**

94.7307, 0.3127, 0.3290

**Achromatomaly**

94.7908, 0.3145, 0.3309

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 94.7317, 0.3175, 0.3348 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 243) }
```

## Border

The CSS property to change the border of an element to Yxy 94.7317, 0.3175, 0.3348 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, 243) }
```

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

```
.border{ border-color:rgb(251, 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(251, 249, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
243) }
```



# Background

The CSS property to change the background color of an element to  $\text{Yxy } 94.7317, 0.3175, 0.3348$  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, 243) }
```

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

```
.background{ background-color: rgb(251,  
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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