

# Converting Colors

$Yxy(94.9990, 0.3162, 0.3358)$

Have a look what the booklet for  
Yxy(94.9990, 0.3162, 0.3358)  
contains.

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# **Color**

**Yxy(94.9820, 0.3162, 0.3358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FAF3
RGB	249, 250, 243
RGB Percent	98%, 98%, 95%
CMY	0.0235, 0.0196, 0.0470
CMYK	0.00, 0.00, 0.03, 0.02
HSL	68°, 41%, 97%
HSV	68°, 3%, 98%
XYZ	89.4381, 94.9820, 98.4328
YIQ	248.9030, 1.6510, -2.3890

# Conversions

## Conversions Part 2

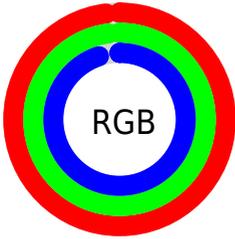
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 250, 244
Decimal	16382707
CIE <sub>Lab</sub>	98.03, -1.53, 3.21
CIE <sub>LCh</sub>	98, 3.557, 115.444
Yxy	94.9820, 0.3162, 0.3358
Android (android.graphics.Color)	4294572787 (0xFFFF9FAF3)
YUV	248.9030, -2.9102, 0.0851
Hunter-Lab	97.4587, -6.7429, 8.3385

# Details

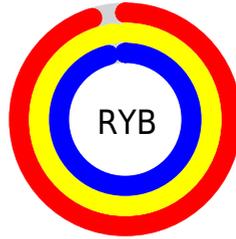
The Yxy color 94.9820, 0.3162, 0.3358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.2527, 0.3092, 0.3221, and the grayscale version is 94.6769, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5089, 0.3171, 0.3377 is the 20% darker color. If you saturate the color by 10%, you get 92.9384, 0.3289, 0.3610, and if you desaturate by 10%, it is 96.3839, 0.3114, 0.3242.

# Distribution



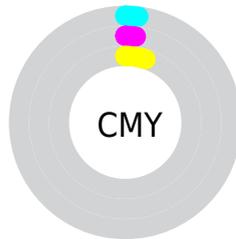
- Red (98%)
- Green (98%)
- Blue (95%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.9820, 0.3162, 0.3358 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 94.9820, 0.3162, 0.3358 by changing the saturation by 10% instead.

 94.9820, 0.3162,  
0.3358

 94.9820, 0.3162,  
0.3358

544.1074, 0.3147,  
0.3328

 72.1200, 0.3165,  
0.3365

154.2397, 0.3157,  
0.3348

 53.2567, 0.3169,  
0.3373

191.4043, 0.3155,  
0.3344

 38.0077, 0.3174,  
0.3382

234.1051, 0.3153,  
0.3340

 25.9887, 0.3181,  
0.3395

282.7266, 0.3151,  
0.3337

 16.8152, 0.3189,  
0.3411

337.6532, 0.3150,  
0.3335

 10.1028, 0.3200,  
0.3434

399.2692, 0.3149,

 5.4672, 0.3217,

0.3332

0.3467

467.9592, 0.3148,  
0.3330

■ 2.5239, 0.3242,  
0.3520

■ 0.8886, 0.3310,  
0.3644

■ 94.9820, 0.3162,  
0.3358

■ 94.9820, 0.3162,  
0.3358

■ 92.9384, 0.3289,  
0.3610

■ 96.3839, 0.3114,  
0.3242

■ 91.1000, 0.3418,  
0.3871

■ 96.8500, 0.3129,  
0.3242

■ 89.4622, 0.3543,  
0.4134

■ 88.0153, 0.3660,  
0.4389

■ 86.7490, 0.3764,  
0.4627

■ 85.6519, 0.3848,  
0.4836

■ 84.7111, 0.3908,  
0.5008

■ 83.9120, 0.3942,  
0.5134

■ 83.2366, 0.3950,  
0.5215

# Harmonies

## Analogous

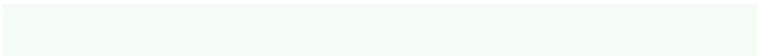
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9820, 0.3192, 0.3352



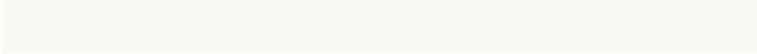
94.9820, 0.3162, 0.3358



94.9820, 0.3123, 0.3345

# Triad

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



94.9820, 0.3162, 0.3358



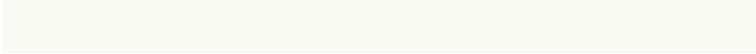
94.9820, 0.3051, 0.3250



94.9820, 0.3169, 0.3263

# Complementary

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



94.9820, 0.3162, 0.3358



90.2527, 0.3092, 0.3221

# 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.



94.9820, 0.3131, 0.3236



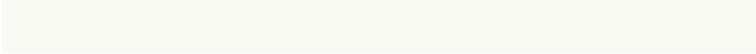
94.9820, 0.3162, 0.3358



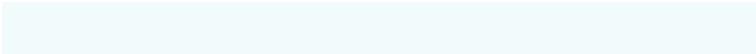
94.9820, 0.3063, 0.3228

# Square

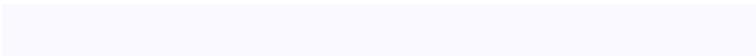
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.9820, 0.3162, 0.3358



94.9820, 0.3059, 0.3283



94.9820, 0.3092, 0.3223



94.9820, 0.3196, 0.3297

# Rectangle

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



94.9820, 0.3162, 0.3358



94.9820, 0.3097, 0.3328



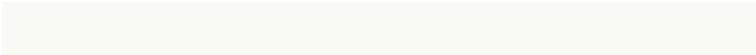
94.9820, 0.3092, 0.3223



94.9820, 0.3157, 0.3253

# Sweetspot

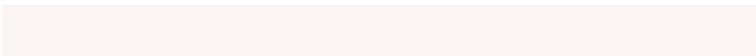
The Sweet Spot groups the original color and five complimentary colors.



94.9861, 0.3162, 0.3358



99.7691, 0.3140, 0.3314



91.4710, 0.3172, 0.3299



21.3571, 0.3139, 0.3313



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.



94.9861, 0.3162, 0.3358



99.3141, 0.3165, 0.3363



94.3601, 0.3140, 0.3358



20.3131, 0.3175, 0.3383



43.9722, 0.3948, 0.5247

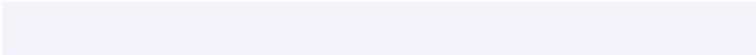


4.1054, 0.3979, 0.5223



# Inverse Universe

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



90.2527, 0.3092, 0.3221



93.9897, 0.3089, 0.3216



90.8734, 0.3114, 0.3222



18.9407, 0.3079, 0.3196



3.8869, 0.1555, 0.0630

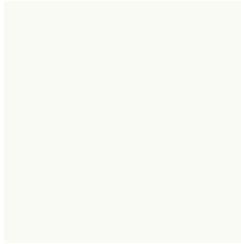


0.3945, 0.1642, 0.0678



# Previews

## White Background



This preview shows how the Yxy color 94.9820, 0.3162, 0.3358 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 94.9820, 0.3162, 0.3358 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

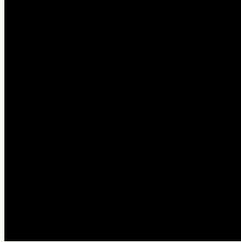
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 94.9820, 0.3162, 0.3358**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.9820, 0.3162, 0.3358.



This preview shows how white text looks on a background with the Yxy color 94.9820, 0.3162, 0.3358.

# 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

94.9820, 0.3162, 0.3358

### Protanopia

94.8056, 0.3208, 0.3348

### Deuteranopia

95.1721, 0.3172, 0.3290

## Tritanopia

94.6788, 0.3099, 0.3223

# Trichromacy



## Original Color

94.9820, 0.3162, 0.3358

## Protanomaly

95.0448, 0.3194, 0.3358

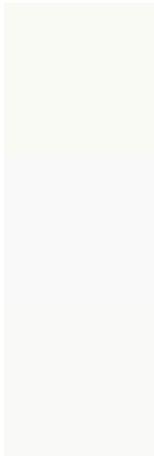
## Deuteranomaly

95.2878, 0.3170, 0.3319

## Tritanomaly

95.0404, 0.3122, 0.3271

# Monochromacy



## Original Color

94.9820, 0.3162, 0.3358

## 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 94.9820, 0.3162, 0.3358 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(249, 250, 243)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 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(249, 250, 243) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Yxy 94.9820, 0.3162, 0.3358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

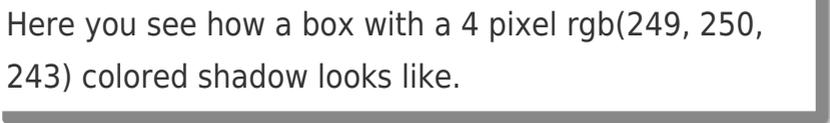
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 250, 243) }
```

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

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

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



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

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

# Background

The CSS property to change the background color of an element to Yxy 94.9820, 0.3162, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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