

Converting Colors

$Yxy(94.9922, 0.3162, 0.3358)$

Have a look what the booklet for
Yxy(94.9922, 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

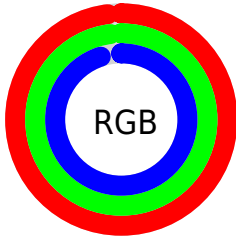
Format	Color
R _Y B	243, 250, 244
Decimal	16382707
CIE Lab	98.03, -1.53, 3.21
CIE LCh	98, 3.557, 115.444
Yxy	94.9820, 0.3162, 0.3358
Android (android.graphics.Color)	4294572787 (0xFFFF9FAF3)
YUV	248.9030, -2.9102, 0.0851
Hunter-Lab	97.4587, -6.7429, 8.3385

Details

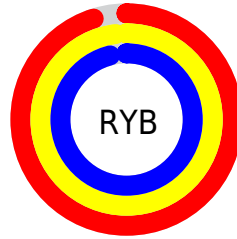
The Yxy color 94.9820, 0.3162, 0.3358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.2527, 0.3092, 0.3221, and the grayscale version is 94.6769, 0.3127, 0.3290.

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.

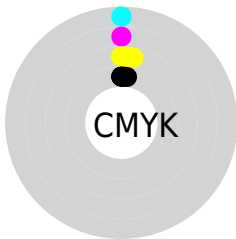
Distribution



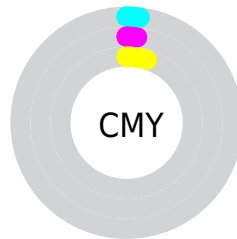
- Red (98%)
- Green (98%)
- Blue (95%)



- 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

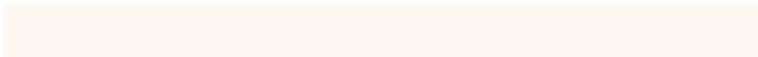
■ 83.9120, 0.3942,
0.5134

■ 83.2366, 0.3950,
0.5215

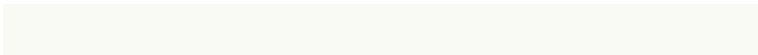
Harmonies

Analogous

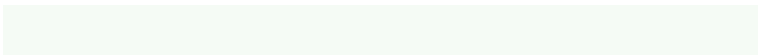
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9820, 0.3192, 0.3352



94.9820, 0.3162, 0.3358



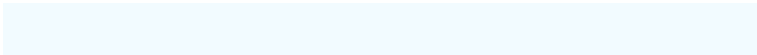
94.9820, 0.3123, 0.3345

Triad

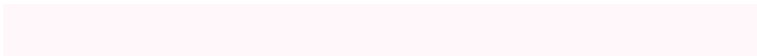
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



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.



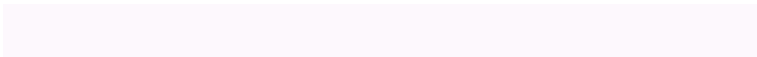
94.9820, 0.3162, 0.3358



90.2527, 0.3092, 0.3221

Split Complementary

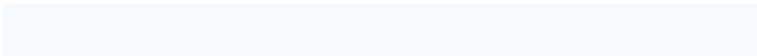
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9820, 0.3131, 0.3236



94.9820, 0.3162, 0.3358



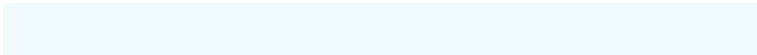
94.9820, 0.3063, 0.3228

Square

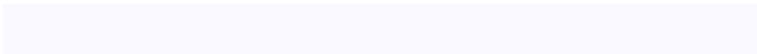
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



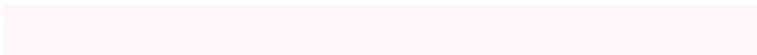
94.9820, 0.3162, 0.3358



94.9820, 0.3059, 0.3283



94.9820, 0.3092, 0.3223



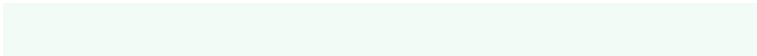
94.9820, 0.3196, 0.3297

Rectangle

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



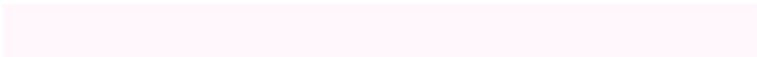
94.9820, 0.3162, 0.3358



94.9820, 0.3097, 0.3328



94.9820, 0.3092, 0.3223



94.9820, 0.3157, 0.3253

Sweetspot

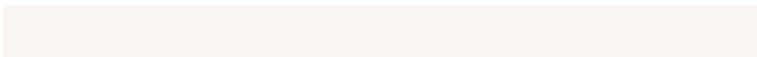
The Sweet Spot groups the original color and five complimentary colors.



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

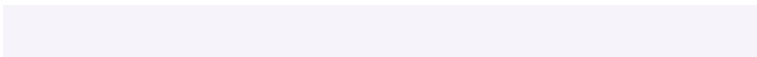
The Inverse Universe completely reimagines the original color for something new.



90.2527, 0.3092, 0.3221



93.9897, 0.3089, 0.3216



90.8734, 0.3114, 0.3222



18.9407, 0.3079, 0.3196



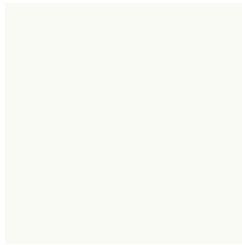
3.8869, 0.1555, 0.0630



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

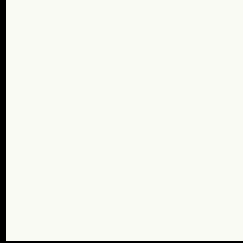
Large Text (above 18pt) WCAG AA × Fail

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

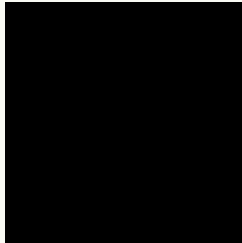
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

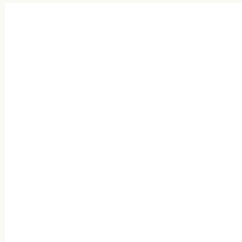
If you want to check with other color combinations, try the [Color Contrast Checker](#).

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.

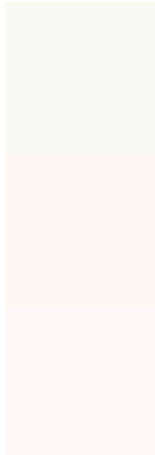


This preview shows how white text looks on a background with the Yxy color 94.9820, 0.3162, 0.3358.

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

A vertical color bar on the left side of the Trichromacy section, showing a gradient from light yellow at the top to light grey at the bottom.

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

A vertical color bar on the left side of the Monochromacy section, showing a gradient from light yellow at the top to light grey at the bottom.

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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