

Converting Colors

$Y_{xy}(95.2002, 0.3175, 0.3381)$

Have a look what the booklet for
Yxy(95.2002, 0.3175, 0.3381)
contains.

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Color

Yxy(94.8618, 0.3174, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAF1
RGB	249, 250, 241
RGB Percent	98%, 98%, 95%
CMY	0.0235, 0.0196, 0.0549
CMYK	0.00, 0.00, 0.04, 0.02
HSL	67°, 47%, 96%
HSV	67°, 4%, 98%
XYZ	89.1330, 94.8618, 96.8276
YIQ	248.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

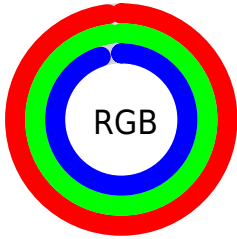
Format	Color
R _Y B	241, 250, 242
Decimal	16382705
CIE Lab	97.98, -1.88, 4.19
CIE LCh	98, 4.588, 114.168
Yxy	94.8618, 0.3174, 0.3378
Android (android.graphics.Color)	4294572785 (0xFFFF9FAF1)
YUV	248.6750, -3.7838, 0.2850
Hunter-Lab	97.3970, -7.0903, 9.2346

Details

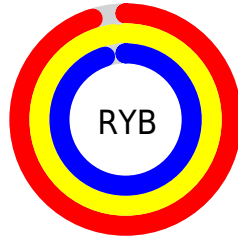
The Yxy color 94.8618, 0.3174, 0.3378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6852, 0.3079, 0.3201, and the grayscale version is 94.4851, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4238, 0.3187, 0.3402 is the 20% darker color. If you saturate the color by 10%, you get 92.9736, 0.3307, 0.3630, and if you desaturate by 10%, it is 96.2419, 0.3109, 0.3242.

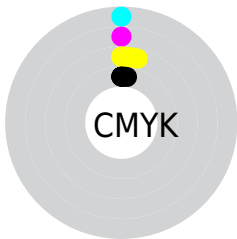
Distribution



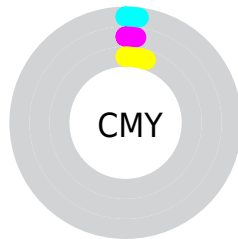
- Red (98%)
- Green (98%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8618, 0.3174, 0.3378 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 94.8618, 0.3174, 0.3378 by changing the saturation by 10% instead.


 94.8618, 0.3174,
0.3378

 94.8618, 0.3174,
0.3378


543.7225, 0.3153,
0.3339

 72.0200, 0.3178,
0.3387


154.0737, 0.3167,
0.3365

 53.1750, 0.3184,
0.3397

191.2125, 0.3164,
0.3360

 37.9425, 0.3191,
0.3410


233.8857, 0.3162,
0.3355

 25.9380, 0.3199,
0.3426

282.4778, 0.3160,
0.3351

 16.7773, 0.3210,
0.3447

337.3731, 0.3158,
0.3348

 10.0758, 0.3225,
0.3477

398.9561, 0.3156,

 5.4493, 0.3247,

0.3344

467.6111, 0.3155,
0.3342

0.3520

■ 2.5132, 0.3282,
0.3589

■ 0.8832, 0.3383,
0.3765

■ 94.8618, 0.3174,
0.3378

■ 94.8618, 0.3174,
0.3378

■ 92.9736, 0.3307,
0.3630

■ 96.2419, 0.3109,
0.3242

■ 91.2853, 0.3440,
0.3890

■ 96.7559, 0.3126,
0.3242

■ 89.7921, 0.3571,
0.4149

■ 96.8525, 0.3129,
0.3242

■ 88.4846, 0.3693,
0.4400

■ 87.3521, 0.3801,
0.4630

■ 86.3834, 0.3889,
0.4830

■ 85.5654, 0.3953,
0.4992

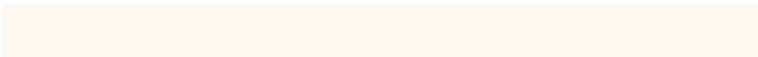
■ 84.8833, 0.3990,
0.5108

■ 84.3188, 0.4001,
0.5180

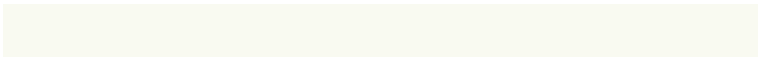
Harmonies

Analogous

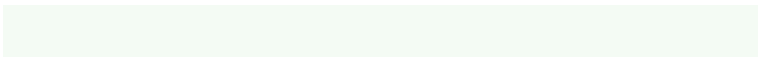
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8618, 0.3212, 0.3369



94.8618, 0.3174, 0.3378



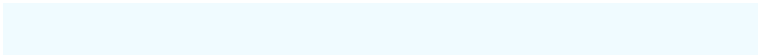
94.8618, 0.3124, 0.3363

Triad

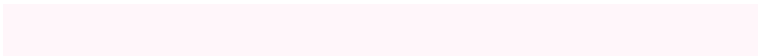
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.8618, 0.3174, 0.3378



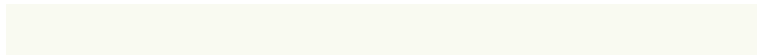
94.8618, 0.3029, 0.3240



94.8618, 0.3179, 0.3253

Complementary

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



94.8618, 0.3174, 0.3378



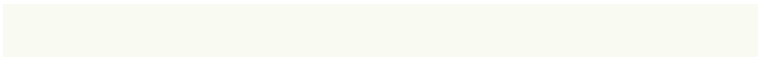
88.6852, 0.3079, 0.3201

Split Complementary

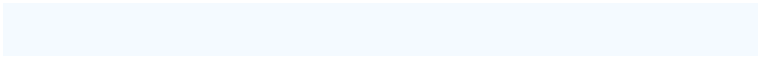
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8618, 0.3130, 0.3219



94.8618, 0.3174, 0.3378



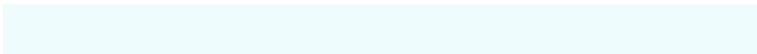
94.8618, 0.3043, 0.3211

Square

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



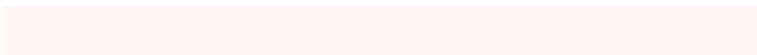
94.8618, 0.3174, 0.3378



94.8618, 0.3041, 0.3282



94.8618, 0.3080, 0.3204



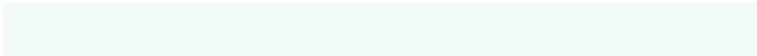
94.8618, 0.3215, 0.3297

Rectangle

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



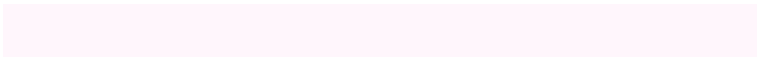
94.8618, 0.3174, 0.3378



94.8618, 0.3091, 0.3341



94.8618, 0.3080, 0.3204



94.8618, 0.3164, 0.3240

Sweetspot

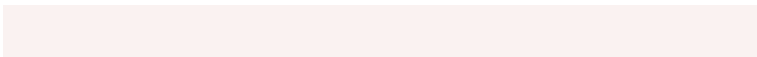
The Sweet Spot groups the original color and five complimentary colors.



94.8659, 0.3174, 0.3378



99.7839, 0.3140, 0.3314



90.1182, 0.3186, 0.3299



21.3601, 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.



94.8659, 0.3174, 0.3378



99.1492, 0.3179, 0.3388



94.0636, 0.3146, 0.3379



20.2843, 0.3189, 0.3406



44.5958, 0.4002, 0.5204



4.1571, 0.4026, 0.5185

Inverse Universe

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



88.6852, 0.3079, 0.3201



91.9816, 0.3074, 0.3191



89.4762, 0.3108, 0.3202



18.5517, 0.3064, 0.3172



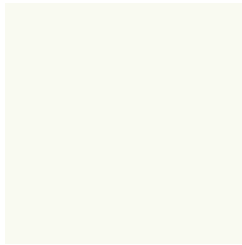
3.8168, 0.1538, 0.0621



0.3823, 0.1611, 0.0661

Previews

White Background



This preview shows how the Yxy color 94.8618, 0.3174, 0.3378 looks on a white background.

Color Contrast Check

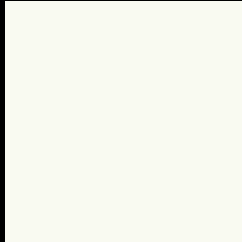
Large Text (above 18pt) WCAG AA × Fail

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 94.8618, 0.3174, 0.3378 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

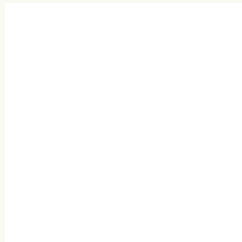
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8618, 0.3174, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 94.8618, 0.3174, 0.3378.

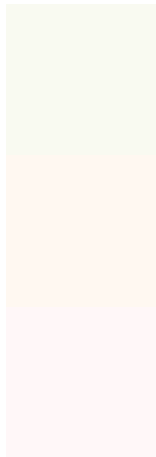


This preview shows how white text looks on a background with the Yxy color 94.8618, 0.3174, 0.3378.

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

94.8618, 0.3174, 0.3378

Protanopia

94.7457, 0.3214, 0.3358

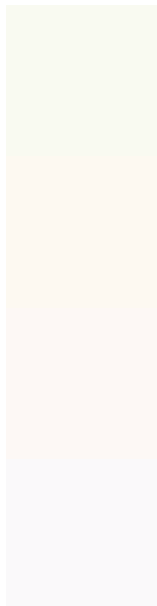
Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.6788, 0.3099, 0.3223

Trichromacy



Original Color

94.8618, 0.3174, 0.3378

Protanomaly

94.9849, 0.3200, 0.3368

Deuteranomaly

94.6100, 0.3177, 0.3319

Tritanomaly

94.9775, 0.3128, 0.3280

Monochromacy



Original Color

94.8618, 0.3174, 0.3378

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.5449, 0.3145, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8618, 0.3174, 0.3378 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 $rgb(249, 250, 241)$ looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 241) }
```

Border

The CSS property to change the border of an element to Yxy 94.8618, 0.3174, 0.3378 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, 241) }
```

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

```
.border{ border-color:rgb(249, 250, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 241);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8618, 0.3174, 0.3378 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, 241) }
```

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

```
.background{ background-color: rgb(249,  
250, 241) }
```

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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