

Converting Colors

$Yxy(94.9882, 0.3124, 0.3360)$

Have a look what the booklet for
Yxy(94.9882, 0.3124, 0.3360)
contains.

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Color

Yxy(94.7591, 0.3124, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	F4FBF4
RGB	244, 251, 244
RGB Percent	96%, 98%, 96%
CMY	0.0432, 0.0156, 0.0432
CMYK	0.03, 0.00, 0.03, 0.02
HSL	120°, 47%, 97%
HSV	120°, 3%, 98%
XYZ	88.1296, 94.7591, 99.2164
YIQ	248.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

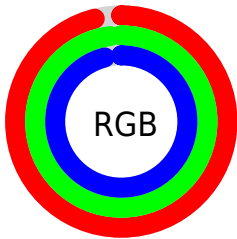
Format	Color
R_{YB}	244, 251, 251
Decimal	16055284
CIE Lab	97.94, -3.54, 2.55
CIE LCh	98, 4.364, 144.308
Yxy	94.7591, 0.3124, 0.3359
Android (android.graphics.Color)	4294245364 (0xFFFF4FBF4)
YUV	248.1090, -2.0257, -3.6036
Hunter-Lab	97.3443, -8.7494, 7.7108

Details

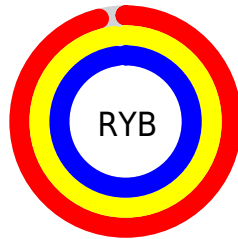
The Yxy color 94.7591, 0.3124, 0.3359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.1642, 0.3130, 0.3222, and the grayscale version is 93.9820, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.3524, 0.3123, 0.3378 is the 20% darker color. If you saturate the color by 10%, you get 89.1590, 0.3112, 0.3628, and if you desaturate by 10%, it is 97.4809, 0.3129, 0.3252.

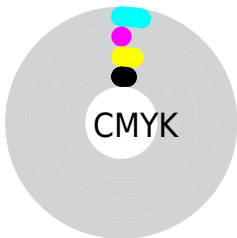
Distribution



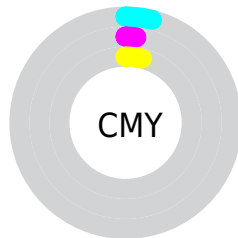
- Red (96%)
- Green (98%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.7591, 0.3124, 0.3359 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 94.7591, 0.3124, 0.3359 by changing the saturation by 10% instead.


 94.7591, 0.3124,
0.3359

 94.7591, 0.3124,
0.3359

543.3935, 0.3126,
0.3328

 71.9345, 0.3124,
0.3366


153.9317, 0.3125,
0.3349

 53.1052, 0.3123,
0.3374

191.0486, 0.3125,
0.3345

 37.8867, 0.3123,
0.3384


233.6983, 0.3125,
0.3341

 25.8948, 0.3122,
0.3397

282.2652, 0.3125,
0.3338

 16.7449, 0.3121,
0.3414

337.1338, 0.3125,
0.3335

 10.0528, 0.3120,
0.3437

398.6885, 0.3125,

 5.4340, 0.3118,

0.3333

0.3471

467.3136, 0.3125,
0.3330

■ 2.5041, 0.3114,
0.3526

■ 0.8787, 0.3111,
0.3652

■ 94.7591, 0.3124,
0.3359

■ 94.7591, 0.3124,
0.3359

■ 89.1590, 0.3112,
0.3628

■ 97.4809, 0.3129,
0.3252

■ 84.3392, 0.3098,
0.3933

■ 80.2685, 0.3082,
0.4269

■ 76.9095, 0.3065,
0.4626

■ 74.2214, 0.3049,
0.4988

■ 72.1590, 0.3033,
0.5328

■ 70.6719, 0.3019,
0.5618

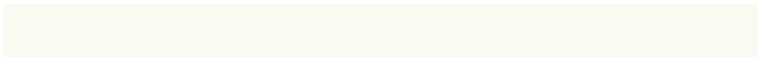
■ 69.7018, 0.3009,
0.5832

■ 69.1781, 0.3002,
0.5957

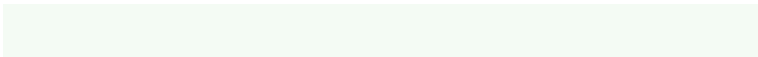
Harmonies

Analogous

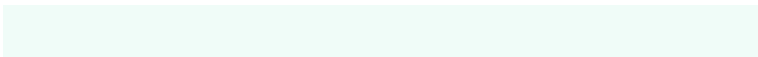
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7591, 0.3172, 0.3374



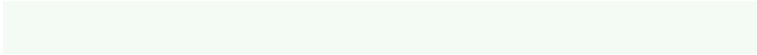
94.7591, 0.3124, 0.3359



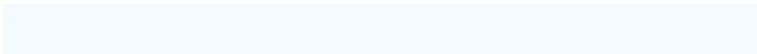
94.7591, 0.3078, 0.3325

Triad

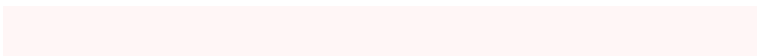
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.7591, 0.3124, 0.3359



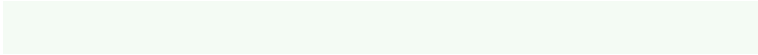
94.7591, 0.3048, 0.3215



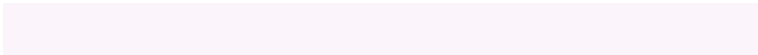
94.7591, 0.3211, 0.3297

Complementary

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



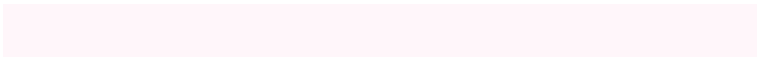
94.7591, 0.3124, 0.3359



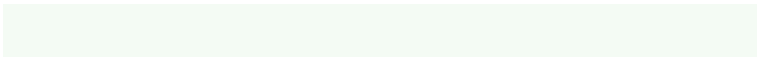
92.1642, 0.3130, 0.3222

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.



94.7591, 0.3177, 0.3255



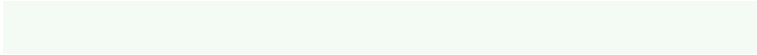
94.7591, 0.3124, 0.3359



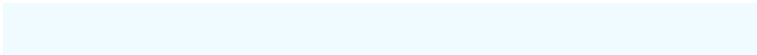
94.7591, 0.3083, 0.3208

Square

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



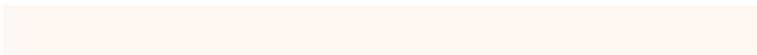
94.7591, 0.3124, 0.3359



94.7591, 0.3034, 0.3242



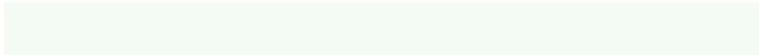
94.7591, 0.3130, 0.3223



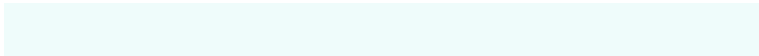
94.7591, 0.3222, 0.3337

Rectangle

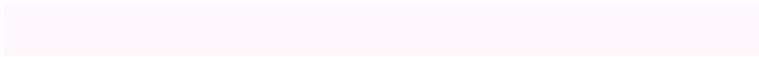
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



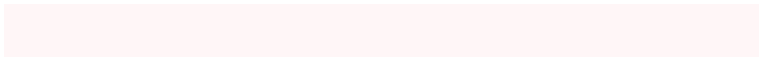
94.7591, 0.3124, 0.3359



94.7591, 0.3054, 0.3297



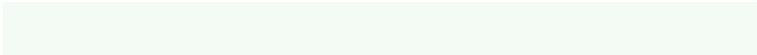
94.7591, 0.3130, 0.3223



94.7591, 0.3201, 0.3283

Sweetspot

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



94.7632, 0.3124, 0.3359



99.3572, 0.3126, 0.3314



95.9694, 0.3168, 0.3357



21.2733, 0.3126, 0.3313



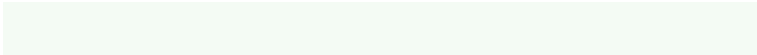
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

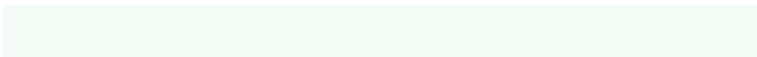
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7632, 0.3124, 0.3359



98.0973, 0.3124, 0.3364



94.9693, 0.3104, 0.3326



19.9997, 0.3123, 0.3384



36.2684, 0.3000, 0.6000



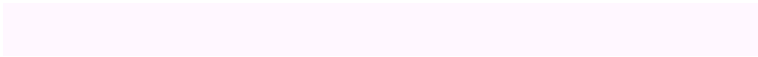
3.3596, 0.3001, 0.5999

Inverse Universe

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



92.1642, 0.3130, 0.3222



95.2133, 0.3131, 0.3217



91.9541, 0.3151, 0.3255



19.2563, 0.3131, 0.3198



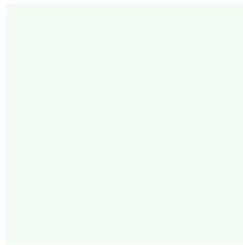
14.3999, 0.3205, 0.1539



1.3342, 0.3205, 0.1539

Previews

White Background



This preview shows how the Yxy color 94.7591, 0.3124, 0.3359 looks on a white background.

Color Contrast Check

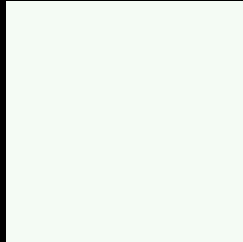
Large Text (above 18pt) WCAG AA × Fail

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 94.7591, 0.3124, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

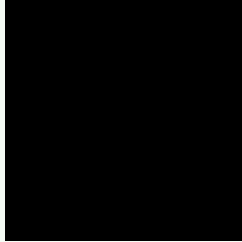
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

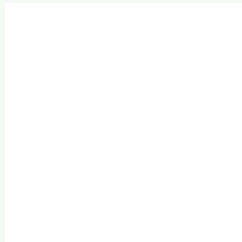
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.7591, 0.3124, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 94.7591, 0.3124, 0.3359.

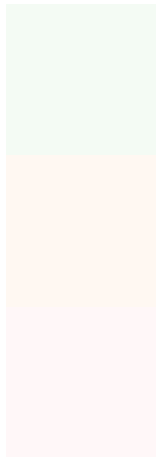


This preview shows how white text looks on a background with the Yxy color 94.7591, 0.3124, 0.3359.

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

94.7591, 0.3124, 0.3359

Protanopia

94.8056, 0.3208, 0.3348

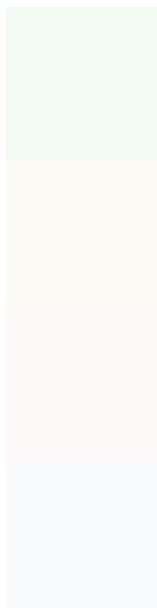
Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.4945, 0.3092, 0.3222

Trichromacy



Original Color

94.7591, 0.3124, 0.3359

Protanomaly

94.7317, 0.3175, 0.3348

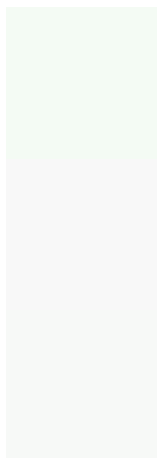
Deuteranomaly

94.3594, 0.3152, 0.3300

Tritanomaly

94.4906, 0.3103, 0.3271

Monochromacy



Original Color

94.7591, 0.3124, 0.3359

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.2409, 0.3126, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7591, 0.3124, 0.3359 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(244, 251, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 251, 244)  
}
```

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(244, 251, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 251, 244) }
```

Border

The CSS property to change the border of an element to Yxy 94.7591, 0.3124, 0.3359 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(244, 251, 244) }
```

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

```
.border{ border-color:rgb(244, 251, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 251, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 251, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 251, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 251,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7591, 0.3124, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 251, 244) }
```

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

```
.background{ background-color: rgb(244,  
251, 244) }
```

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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