

Converting Colors

$Yxy(94.3196, 0.3073, 0.3241)$

Have a look what the booklet for
Yxy(94.3196, 0.3073, 0.3241)
contains.

Yxy(94.3196, 0.3073, 0.3241)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.3196, 0.3073, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	F5F9FE
RGB	245, 249, 254
RGB Percent	96%, 98%, 100%
CMY	0.0391, 0.0235, 0.0039
CMYK	0.04, 0.02, 0.00, 0.00
HSL	214°, 82%, 98%
HSV	214°, 4%, 100%
XYZ	89.4305, 94.3196, 107.2700
YIQ	248.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

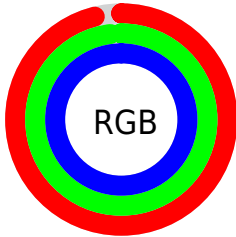
Format	Color
R_{YB}	245, 248, 254
Decimal	16120318
CIE _{Lab}	97.76, -0.40, -2.87
CIE _{LCh}	98, 2.896, 262.123
Yxy	94.3196, 0.3073, 0.3241
Android (android.graphics.Color)	4294310398 (0xFF5F9FE)
YUV	248.3740, 2.7736, -2.9590
Hunter-Lab	97.1183, -5.5869, 2.4952

Details

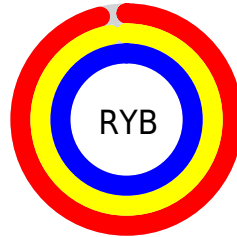
The Yxy color 94.3196, 0.3073, 0.3241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.0707, 0.3182, 0.3339, and the grayscale version is 94.1771, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9900, 0.3066, 0.3240 is the 20% darker color. If you saturate the color by 10%, you get 81.6197, 0.2914, 0.3091, and if you desaturate by 10%, it is 99.9368, 0.3133, 0.3299.

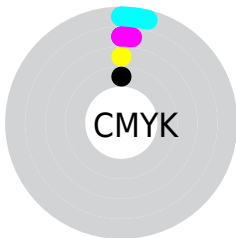
Distribution



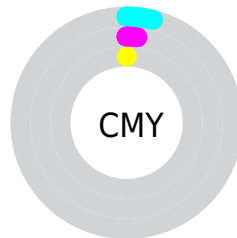
- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.3196, 0.3073, 0.3241 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 94.3196, 0.3073, 0.3241 by changing the saturation by 10% instead.

 94.3196, 0.3073,
0.3241

 94.3196, 0.3073,
0.3241


541.9845, 0.3097,
0.3263

 71.5688, 0.3068,
0.3236


153.3243, 0.3081,
0.3248

 52.8065, 0.3061,
0.3230

190.3469, 0.3084,
0.3251

 37.6483, 0.3054,
0.3223

232.8957, 0.3087,
0.3254

 25.7099, 0.3044,
0.3214

281.3549, 0.3090,
0.3256

 16.6067, 0.3031,
0.3202

336.1090, 0.3092,
0.3258

 9.9545, 0.3013,
0.3186

397.5424, 0.3094,

 5.3688, 0.2987,

0.3260

466.0394, 0.3095,
0.3261

0.3162

■ 2.4652, 0.2945,
0.3124

■ 0.8591, 0.2869,
0.3055

■ 94.3196, 0.3073,
0.3241

■ 94.3196, 0.3073,
0.3241

■ 81.6197, 0.2914,
0.3091

99.9368, 0.3133,
0.3299

■ 70.1657, 0.2748,
0.2924

■ 59.9193, 0.2579,
0.2740

■ 50.8358, 0.2409,
0.2541

■ 42.8673, 0.2244,
0.2329

■ 35.9618, 0.2090,
0.2110

■ 30.0622, 0.1953,
0.1890

■ 25.1044, 0.1840,
0.1675

■ 21.0132, 0.1753,
0.1474

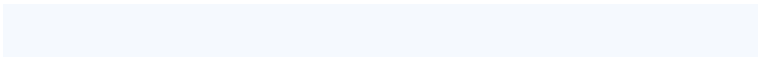
Harmonies

Analogous

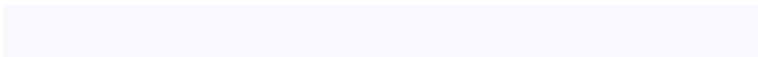
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3196, 0.3065, 0.3260



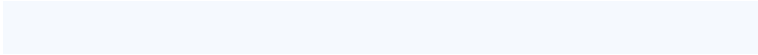
94.3196, 0.3073, 0.3241



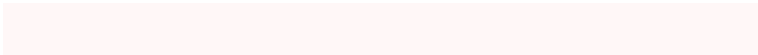
94.3196, 0.3096, 0.3235

Triad

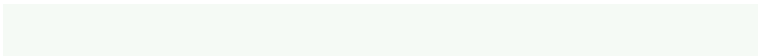
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3196, 0.3073, 0.3241



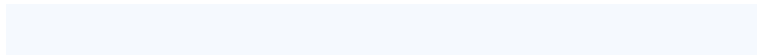
94.3196, 0.3181, 0.3293



94.3196, 0.3128, 0.3337

Complementary

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



94.3196, 0.3073, 0.3241



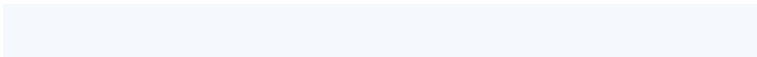
96.0707, 0.3182, 0.3339

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.



94.3196, 0.3159, 0.3346



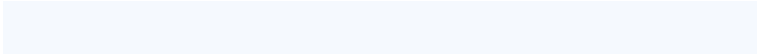
94.3196, 0.3073, 0.3241



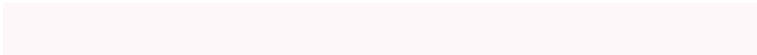
94.3196, 0.3190, 0.3320

Square

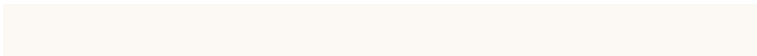
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



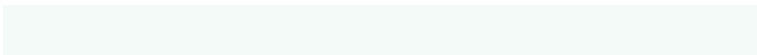
94.3196, 0.3073, 0.3241



94.3196, 0.3158, 0.3265



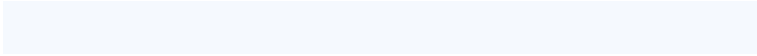
94.3196, 0.3182, 0.3339



94.3196, 0.3096, 0.3316

Rectangle

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



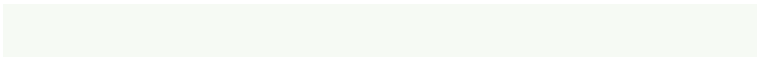
94.3196, 0.3073, 0.3241



94.3196, 0.3116, 0.3240



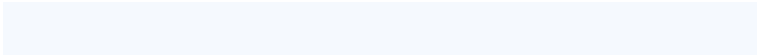
94.3196, 0.3182, 0.3339



94.3196, 0.3138, 0.3341

Sweetspot

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



94.3236, 0.3073, 0.3241



98.6140, 0.3112, 0.3276



97.2121, 0.3095, 0.3329



21.1221, 0.3113, 0.3277



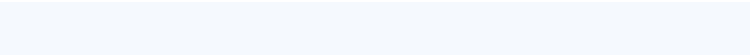
0.0000, 0.0000, 0.0000



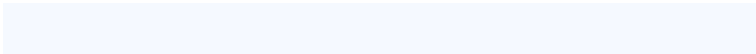
21.4041, 0.3127, 0.3290

Same Dimension

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



94.3236, 0.3073, 0.3241



94.5345, 0.3066, 0.3234



91.9787, 0.3077, 0.3202



20.0193, 0.3054, 0.3224



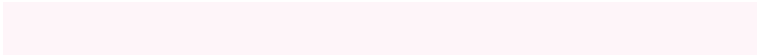
10.1765, 0.1718, 0.1384



1.2043, 0.1779, 0.1602

Inverse Universe

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



93.2363, 0.3161, 0.3252



93.3023, 0.3166, 0.3247



98.4774, 0.3177, 0.3376



19.7093, 0.3174, 0.3239



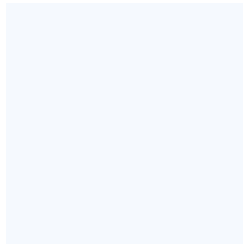
11.7553, 0.5213, 0.2645



1.1661, 0.4928, 0.2489

Previews

White Background



This preview shows how the Yxy color 94.3196, 0.3073, 0.3241 looks on a white background.

Color Contrast Check

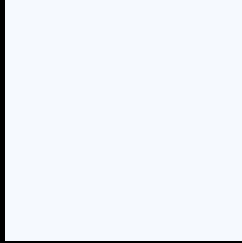
Large Text (above 18pt) WCAG AA × Fail

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 94.3196, 0.3073, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

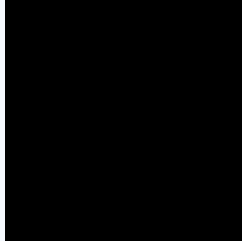
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

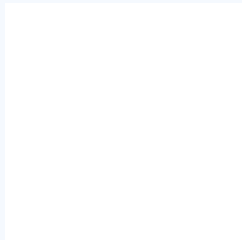
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3196, 0.3073, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 94.3196, 0.3073, 0.3241.

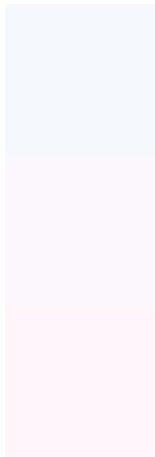


This preview shows how white text looks on a background with the Yxy color 94.3196, 0.3073, 0.3241.

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

94.3196, 0.3073, 0.3241

Protanopia

94.1226, 0.3117, 0.3232

Deuteranopia

94.1366, 0.3155, 0.3242

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.3196, 0.3073, 0.3241

Protanomaly

94.3664, 0.3104, 0.3242

Deuteranomaly

94.0590, 0.3123, 0.3242

Tritanomaly

94.1290, 0.3080, 0.3222

Monochromacy



Original Color

94.3196, 0.3073, 0.3241

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8111, 0.3109, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3196, 0.3073, 0.3241 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(245, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 249, 254)  
}
```

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(245, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 249, 254) }
```

Border

The CSS property to change the border of an element to Yxy 94.3196, 0.3073, 0.3241 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(245, 249, 254) }
```

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

```
.border{ border-color:rgb(245, 249, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 249, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(245, 249,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3196, 0.3073, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 249, 254) }
```

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

```
.background{ background-color: rgb(245,  
249, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor