

Converting Colors

$Yxy(93.2038, 0.3062, 0.3250)$

Have a look what the booklet for
Yxy(93.2038, 0.3062, 0.3250)
contains.

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Color

Yxy(93.0403, 0.3066, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	F2F8FC
RGB	242, 248, 252
RGB Percent	95%, 97%, 99%
CMY	0.0511, 0.0274, 0.0119
CMYK	0.04, 0.02, 0.00, 0.01
HSL	204°, 62%, 97%
HSV	204°, 4%, 99%
XYZ	87.7458, 93.0403, 105.4037
YIQ	246.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

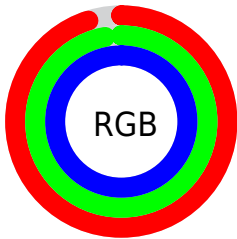
Format	Color
R _{YB}	242, 246, 252
Decimal	15923452
CIE Lab	97.24, -1.27, -2.60
CIE LCh	97, 2.890, 244.026
Yxy	93.0403, 0.3066, 0.3251
Android (android.graphics.Color)	4294113532 (0xFFFF2F8FC)
YUV	246.6620, 2.6316, -4.0886
Hunter-Lab	96.4574, -6.4218, 2.7311

Details

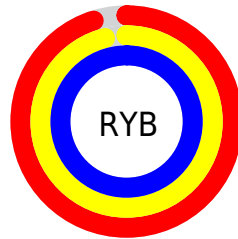
The Yxy color 93.0403, 0.3066, 0.3251 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.9695, 0.3190, 0.3329, and the grayscale version is 92.7030, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.0785, 0.3057, 0.3252 is the 20% darker color. If you saturate the color by 10%, you get 82.9197, 0.2909, 0.3145, and if you desaturate by 10%, it is 99.8064, 0.3145, 0.3319.

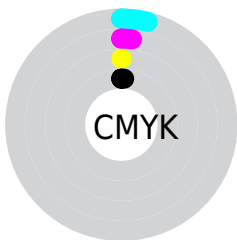
Distribution



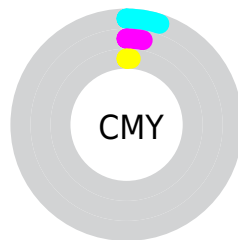
- Red (95%)
- Green (97%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (5%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0403, 0.3066, 0.3251 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 93.0403, 0.3066, 0.3251 by changing the saturation by 10% instead.


 93.0403, 0.3066,
0.3251

 93.0403, 0.3066,
0.3251


537.8720, 0.3093,
0.3268

 70.5050, 0.3060,
0.3247


151.5544, 0.3075,
0.3257

 51.9383, 0.3053,
0.3243


188.3020, 0.3079,
0.3259

 36.9559, 0.3044,
0.3237


230.5558, 0.3082,
0.3261

 25.1734, 0.3033,
0.3229

278.7002, 0.3085,
0.3263

 16.2063, 0.3018,
0.3220

333.1197, 0.3087,
0.3265

 9.6702, 0.2997,
0.3206

394.1985, 0.3089,

 5.1809, 0.2968,

0.3266

0.3187

462.3212, 0.3091,
0.3267

■ 2.3538, 0.2920,
0.3155

■ 0.8020, 0.2823,
0.3095

■ 93.0403, 0.3066,
0.3251

■ 93.0403, 0.3066,
0.3251

■ 82.9197, 0.2909,
0.3145

99.8064, 0.3145,
0.3319

■ 73.7059, 0.2751,
0.3028

■ 65.3712, 0.2594,
0.2900

■ 57.8816, 0.2441,
0.2762

■ 51.2004, 0.2298,
0.2615

■ 45.2875, 0.2169,
0.2463

■ 40.0984, 0.2057,
0.2307

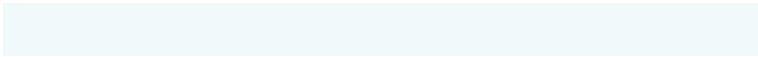
■ 35.5822, 0.1966,
0.2152

■ 31.6776, 0.1897,
0.2001

Harmonies

Analogous

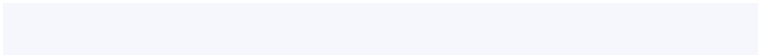
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0403, 0.3068, 0.3276



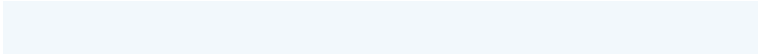
93.0403, 0.3066, 0.3251



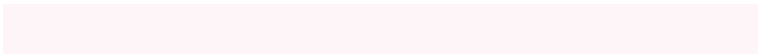
93.0403, 0.3080, 0.3237

Triad

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



93.0403, 0.3066, 0.3251



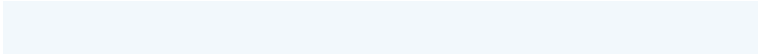
93.0403, 0.3169, 0.3276



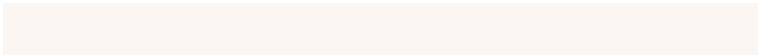
93.0403, 0.3147, 0.3344

Complementary

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



93.0403, 0.3066, 0.3251



92.9695, 0.3190, 0.3329

Split Complementary

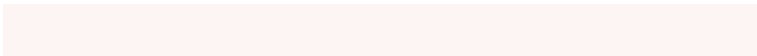
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0403, 0.3174, 0.3344



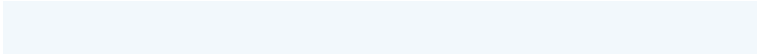
93.0403, 0.3066, 0.3251



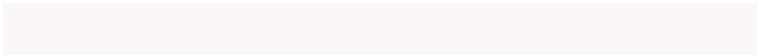
93.0403, 0.3187, 0.3304

Square

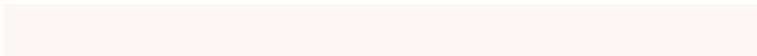
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



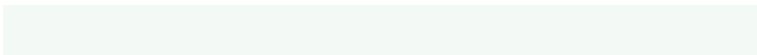
93.0403, 0.3066, 0.3251



93.0403, 0.3140, 0.3251



93.0403, 0.3189, 0.3329



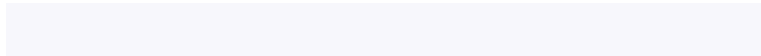
93.0403, 0.3115, 0.3330

Rectangle

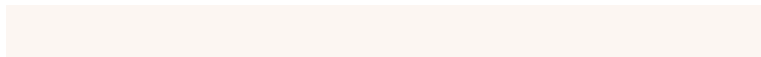
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.0403, 0.3066, 0.3251



93.0403, 0.3097, 0.3235



93.0403, 0.3189, 0.3329



93.0403, 0.3157, 0.3346

Sweetspot

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



93.0443, 0.3066, 0.3251



98.8774, 0.3112, 0.3280



95.1177, 0.3100, 0.3351



21.1757, 0.3113, 0.3281



0.0000, 0.0000, 0.0000



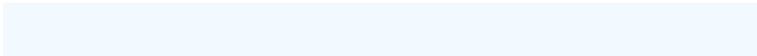
21.4041, 0.3127, 0.3290

Same Dimension

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



93.0443, 0.3066, 0.3251



94.4845, 0.3050, 0.3241



90.0864, 0.3067, 0.3203



19.2077, 0.3039, 0.3234



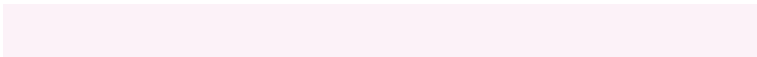
15.7017, 0.1871, 0.1937



1.6611, 0.1921, 0.2115

Inverse Universe

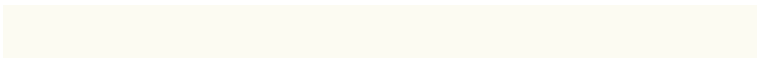
The Inverse Universe completely reimagines the original color for something new.



90.9589, 0.3156, 0.3231



91.8125, 0.3163, 0.3216



95.9720, 0.3187, 0.3376



18.5893, 0.3169, 0.3206



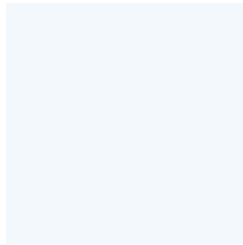
11.9960, 0.4525, 0.2267



1.1319, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 93.0403, 0.3066, 0.3251 looks on a white background.

Color Contrast Check

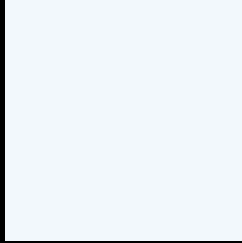
Large Text (above 18pt) WCAG AA × Fail

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 93.0403, 0.3066, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

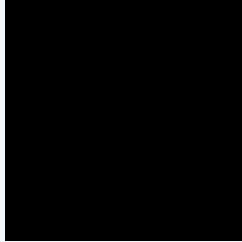
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

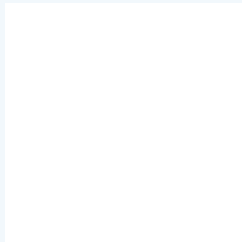
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0403, 0.3066, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 93.0403, 0.3066, 0.3251.

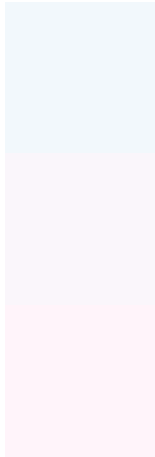


This preview shows how white text looks on a background with the Yxy color 93.0403, 0.3066, 0.3251.

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

93.0403, 0.3066, 0.3251

Protanopia

93.2006, 0.3123, 0.3242

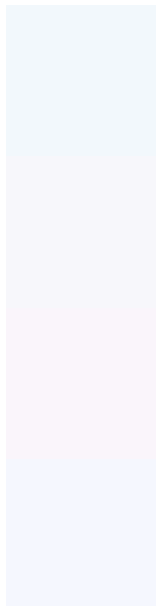
Deuteranopia

92.8635, 0.3162, 0.3232

Tritanopia

93.3344, 0.3074, 0.3212

Trichromacy



Original Color

93.0403, 0.3066, 0.3251

Protanomaly

93.2607, 0.3104, 0.3251

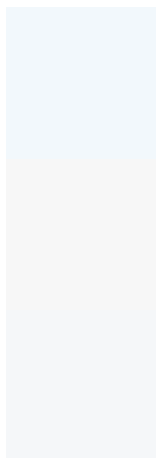
Deuteranomaly

92.5938, 0.3123, 0.3232

Tritanomaly

93.0898, 0.3073, 0.3222

Monochromacy



Original Color

93.0403, 0.3066, 0.3251

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.7736, 0.3103, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0403, 0.3066, 0.3251 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(242, 248, 252)` looks like.

```
.text, #text, p{  
    color:rgb(242, 248, 252)  
}
```

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(242, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 248, 252) }
```

Border

The CSS property to change the border of an element to Yxy 93.0403, 0.3066, 0.3251 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(242, 248, 252) }
```

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

```
.border{ border-color:rgb(242, 248, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 248, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(242, 248,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0403, 0.3066, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 248, 252) }
```

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

```
.background{ background-color: rgb(242,  
248, 252) }
```

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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