

Converting Colors

$Yxy(94.1013, 0.3096, 0.3273)$

Have a look what the booklet for
Yxy(94.1013, 0.3096, 0.3273)
contains.

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Color

Yxy(94.3092, 0.3097, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9FB
RGB	246, 249, 251
RGB Percent	96%, 98%, 98%
CMY	0.0349, 0.0236, 0.0156
CMYK	0.02, 0.01, 0.00, 0.02
HSL	205°, 38%, 97%
HSV	205°, 2%, 98%
XYZ	89.3198, 94.3092, 104.7784
YIQ	248.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

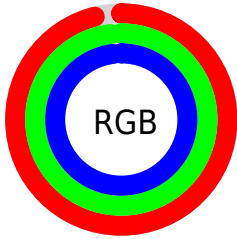
Format	Color
R _Y B	246, 248, 251
Decimal	16185851
CIE Lab	97.76, -0.58, -1.32
CIE LCh	98, 1.445, 246.284
Yxy	94.3092, 0.3097, 0.3270
Android (android.graphics.Color)	4294375931 (0xFF6F9FB)
YUV	248.3310, 1.3158, -2.0443
Hunter-Lab	97.1129, -5.7720, 4.0091

Details

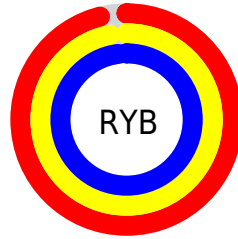
The Yxy color 94.3092, 0.3097, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.3891, 0.3158, 0.3310, and the grayscale version is 94.1580, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0272, 0.3088, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 83.8225, 0.2941, 0.3161, and if you desaturate by 10%, it is 99.7463, 0.3150, 0.3328.

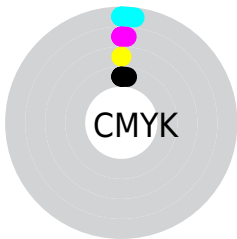
Distribution



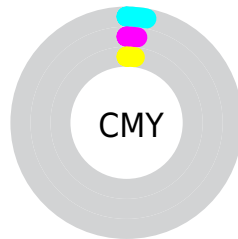
- Red (96%)
- Green (98%)
- Blue (98%)



- Red (96%)
- Yellow (97%)
- Blue (98%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3092, 0.3097, 0.3270 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 94.3092, 0.3097, 0.3270 by changing the saturation by 10% instead.


 94.3092, 0.3097,
0.3270

 94.3092, 0.3097,
0.3270

541.9511, 0.3110,
0.3279

 71.5602, 0.3094,
0.3268


153.3099, 0.3102,
0.3273

 52.7995, 0.3091,
0.3266


190.3303, 0.3103,
0.3274

 37.6427, 0.3086,
0.3263


232.8767, 0.3105,
0.3275

 25.7055, 0.3081,
0.3259

281.3334, 0.3106,
0.3276

 16.6034, 0.3073,
0.3254

336.0847, 0.3107,
0.3277

 9.9522, 0.3063,
0.3247

397.5152, 0.3109,

 5.3673, 0.3049,

0.3278

0.3237

466.0092, 0.3109,
0.3278

■ 2.4643, 0.3026,
0.3222

■ 0.8587, 0.2982,
0.3193

■ 94.3092, 0.3097,
0.3270

■ 94.3092, 0.3097,
0.3270

■ 83.8225, 0.2941,
0.3161

99.7463, 0.3150,
0.3328

■ 74.2711, 0.2782,
0.3041

■ 65.6271, 0.2623,
0.2909

■ 57.8564, 0.2467,
0.2766

■ 50.9225, 0.2320,
0.2613

■ 44.7856, 0.2185,
0.2454

■ 39.4017, 0.2066,
0.2292

■ 34.7209, 0.1968,
0.2129

■ 30.6842, 0.1893,
0.1969

Harmonies

Analogous

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



94.3092, 0.3097, 0.3282



94.3092, 0.3097, 0.3270



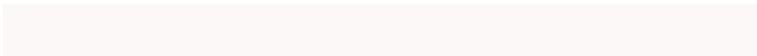
94.3092, 0.3105, 0.3263

Triad

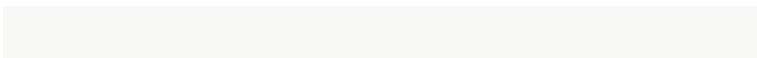
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3092, 0.3097, 0.3270



94.3092, 0.3149, 0.3284



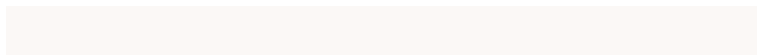
94.3092, 0.3136, 0.3317

Complementary

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



94.3092, 0.3097, 0.3270



94.3891, 0.3158, 0.3310

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.



94.3092, 0.3150, 0.3317



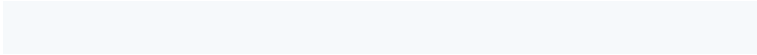
94.3092, 0.3097, 0.3270



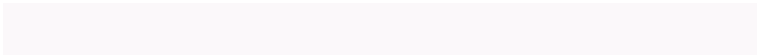
94.3092, 0.3157, 0.3298

Square

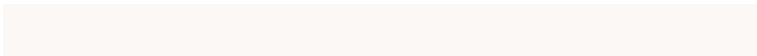
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



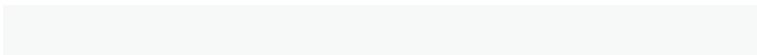
94.3092, 0.3097, 0.3270



94.3092, 0.3135, 0.3271



94.3092, 0.3158, 0.3310



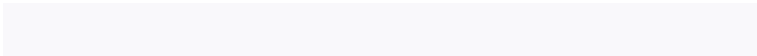
94.3092, 0.3120, 0.3309

Rectangle

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



94.3092, 0.3097, 0.3270



94.3092, 0.3113, 0.3263



94.3092, 0.3158, 0.3310



94.3092, 0.3141, 0.3318

Sweetspot

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



94.3132, 0.3097, 0.3270



98.8473, 0.3112, 0.3280



95.3977, 0.3113, 0.3319



21.1696, 0.3113, 0.3280



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.



94.3132, 0.3097, 0.3270



97.7047, 0.3096, 0.3270



92.8425, 0.3098, 0.3247



20.0439, 0.3098, 0.3271



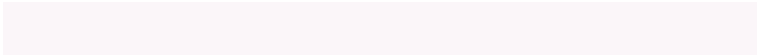
14.9248, 0.1853, 0.1871



1.5914, 0.1905, 0.2057

Inverse Universe

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



93.3177, 0.3142, 0.3262



96.6537, 0.3142, 0.3262



95.8721, 0.3156, 0.3333



19.8394, 0.3141, 0.3263



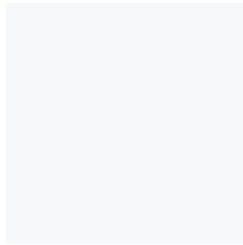
11.9176, 0.4602, 0.2309



1.1249, 0.4389, 0.2192

Previews

White Background



This preview shows how the Yxy color 94.3092, 0.3097, 0.3270 looks on a white background.

Color Contrast Check

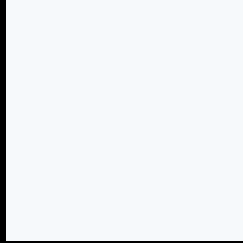
Large Text (above 18pt) WCAG AA × Fail

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 94.3092, 0.3097, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

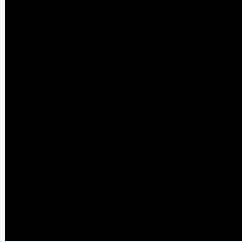
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3092, 0.3097, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 94.3092, 0.3097, 0.3270.

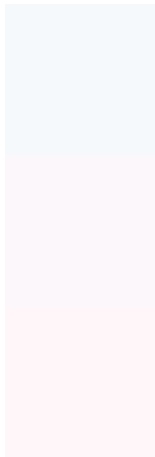


This preview shows how white text looks on a background with the Yxy color 94.3092, 0.3097, 0.3270.

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

94.3092, 0.3097, 0.3270

Protanopia

94.1191, 0.3141, 0.3261

Deuteranopia

94.0737, 0.3161, 0.3252

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.3092, 0.3097, 0.3270

Protanomaly

94.3609, 0.3128, 0.3271

Deuteranomaly

94.1191, 0.3141, 0.3261

Tritanomaly

94.0647, 0.3086, 0.3232

Monochromacy



Original Color

94.3092, 0.3097, 0.3270

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.7485, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3092, 0.3097, 0.3270 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(246, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 251)  
}
```

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(246, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 251) }
```

Border

The CSS property to change the border of an element to Yxy 94.3092, 0.3097, 0.3270 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(246, 249, 251) }
```

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

```
.border{ border-color:rgb(246, 249, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3092, 0.3097, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 251) }
```

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

```
.background{ background-color: rgb(246,  
249, 251) }
```

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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