

Converting Colors

$Yxy(94.4076, 0.3109, 0.3265)$

Have a look what the booklet for
Yxy(94.4076, 0.3109, 0.3265)
contains.

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Color

Yxy(94.6729, 0.3109, 0.3271)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8F9FB |
| RGB | 248, 249, 251 |
| RGB Percent | 97%, 98%, 98% |
| CMY | 0.0276, 0.0234, 0.0158 |
| CMYK | 0.01, 0.01, 0.00, 0.02 |
| HSL | 219°, 27%, 98% |
| HSV | 219°, 1%, 98% |
| XYZ | 89.9841, 94.6729, 104.7740 |
| YIQ | 248.9290, -1.2380, 0.4100 |

Conversions

Conversions Part 2

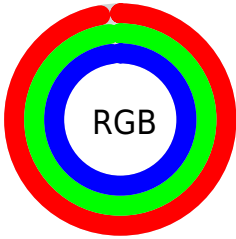
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 248, 249, 251 |
| Decimal | 16316923 |
| CIE Lab | 97.90, 0.00, -1.07 |
| CIE LCh | 98, 1.068, 270.036 |
| Yxy | 94.6729, 0.3109, 0.3271 |
| Android (android.graphics.Color) | 4294507003 (0xFFFF8F9FB) |
| YUV | 248.9290, 1.0210, -0.8147 |
| Hunter-Lab | 97.3000, -5.1962, 4.2657 |

Details

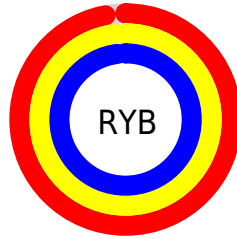
The Yxy color 94.6729, 0.3109, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.5922, 0.3145, 0.3309, and the grayscale version is 94.6590, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2865, 0.3104, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 80.7900, 0.2952, 0.3102, and if you desaturate by 10%, it is 99.7433, 0.3150, 0.3328.

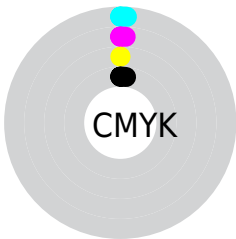
Distribution



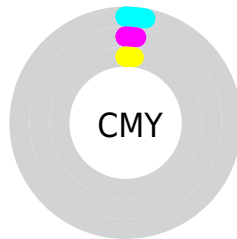
- Red (97%)
- Green (98%)
- Blue (98%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6729, 0.3109, 0.3271 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 94.6729, 0.3109, 0.3271 by changing the saturation by 10% instead.


 94.6729, 0.3109,
0.3271

 94.6729, 0.3109,
0.3271

543.1173, 0.3117,
0.3279

 71.8628, 0.3107,
0.3269


153.8126, 0.3112,
0.3274

 53.0466, 0.3105,
0.3267


190.9110, 0.3113,
0.3275

 37.8400, 0.3102,
0.3264


233.5409, 0.3114,
0.3276

 25.8585, 0.3099,
0.3261

282.0867, 0.3115,
0.3277

 16.7178, 0.3095,
0.3256

336.9329, 0.3115,
0.3278

 10.0335, 0.3089,
0.3250

398.4638, 0.3116,

 5.4212, 0.3080,

0.3278

0.3240

467.0638, 0.3117,
0.3279

■ 2.4964, 0.3066,
0.3226

■ 0.8749, 0.3040,
0.3199

■ 94.6729, 0.3109,
0.3271

■ 94.6729, 0.3109,
0.3271

■ 80.7900, 0.2952,
0.3102

■ 99.7433, 0.3150,
0.3328

■ 68.3385, 0.2784,
0.2912

■ 57.2739, 0.2609,
0.2702

■ 47.5448, 0.2430,
0.2474

■ 39.0960, 0.2252,
0.2230

■ 31.8685, 0.2083,
0.1979

■ 25.7976, 0.1930,
0.1728

■ 20.8117, 0.1801,
0.1487

■ 16.8283, 0.1702,
0.1268

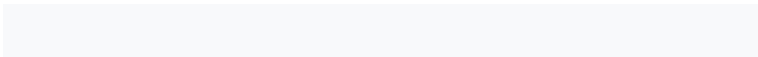
Harmonies

Analogous

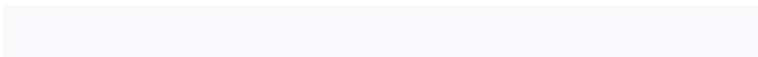
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6729, 0.3104, 0.3277



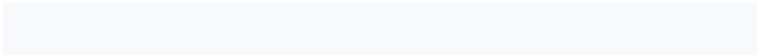
94.6729, 0.3109, 0.3271



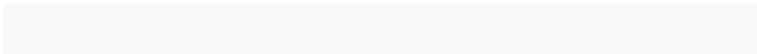
94.6729, 0.3118, 0.3270

Triad

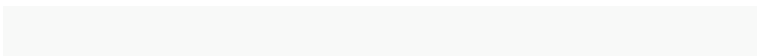
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.6729, 0.3109, 0.3271



94.6729, 0.3149, 0.3294



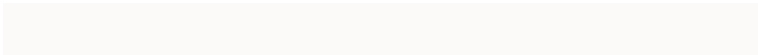
94.6729, 0.3124, 0.3306

Complementary

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



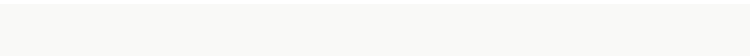
94.6729, 0.3109, 0.3271



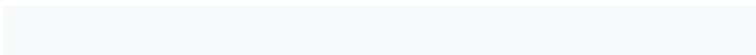
95.5922, 0.3145, 0.3309

Split Complementary

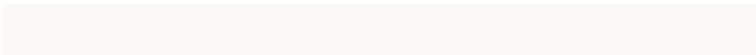
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6729, 0.3136, 0.3310



94.6729, 0.3109, 0.3271



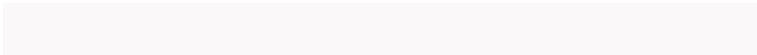
94.6729, 0.3150, 0.3304

Square

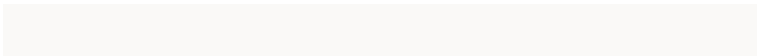
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.6729, 0.3109, 0.3271



94.6729, 0.3141, 0.3284



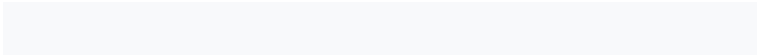
94.6729, 0.3146, 0.3309



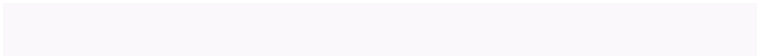
94.6729, 0.3113, 0.3297

Rectangle

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



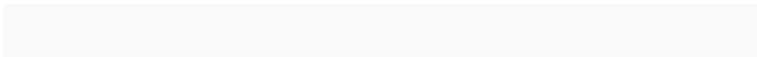
94.6729, 0.3109, 0.3271



94.6729, 0.3126, 0.3273



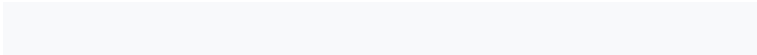
94.6729, 0.3146, 0.3309



94.6729, 0.3128, 0.3308

Sweetspot

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



94.6770, 0.3109, 0.3271

100.0000, 0.3127, 0.3290



95.8197, 0.3115, 0.3301



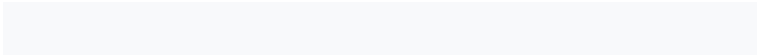
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



94.6770, 0.3109, 0.3271



98.4720, 0.3112, 0.3274



94.0933, 0.3112, 0.3261



20.1931, 0.3113, 0.3275



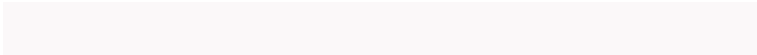
7.6376, 0.1647, 0.1129



0.8987, 0.1713, 0.1365

Inverse Universe

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



94.4531, 0.3140, 0.3280



98.2780, 0.3138, 0.3281



96.1817, 0.3142, 0.3319



20.1554, 0.3137, 0.3282



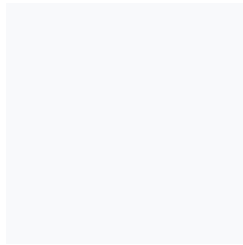
11.1819, 0.5568, 0.2841



1.0550, 0.5238, 0.2659

Previews

White Background



This preview shows how the Yxy color 94.6729, 0.3109, 0.3271 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 94.6729, 0.3109, 0.3271 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

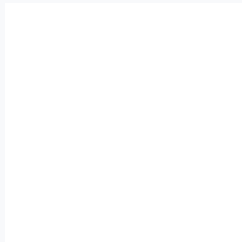
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6729, 0.3109, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 94.6729, 0.3109, 0.3271.

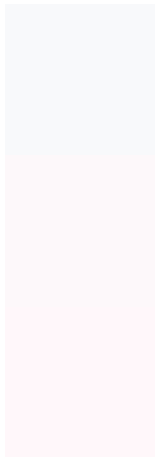


This preview shows how white text looks on a background with the Yxy color 94.6729, 0.3109, 0.3271.

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

94.6729, 0.3109, 0.3271

Protanopia

94.9196, 0.3147, 0.3271

Deuteranopia

94.6837, 0.3160, 0.3261

Tritanopia

94.4945, 0.3092, 0.3222

Trichromacy

Original Color

94.6729, 0.3109, 0.3271

Protanomaly

94.5462, 0.3134, 0.3271

Deuteranomaly

94.7324, 0.3141, 0.3271

Tritanomaly

94.4303, 0.3098, 0.3232

Monochromacy

Original Color

94.6729, 0.3109, 0.3271

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.7932, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6729, 0.3109, 0.3271 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(248, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 251) }
```

Border

The CSS property to change the border of an element to Yxy 94.6729, 0.3109, 0.3271 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(248, 249, 251) }
```

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

```
.border{ border-color:rgb(248, 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(248, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
251) }
```

Background

The CSS property to change the background color of an element to Yxy 94.6729, 0.3109, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 251) }
```

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

```
.background{ background-color: rgb(248,  
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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