

Converting Colors

$Y_{xy}(95.1960, 0.3114, 0.3272)$

Have a look what the booklet for
Yxy(95.1960, 0.3114, 0.3272)
contains.

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Color

Yxy(94.8561, 0.3115, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9FB
RGB	249, 249, 251
RGB Percent	98%, 98%, 98%
CMY	0.0238, 0.0234, 0.0157
CMYK	0.01, 0.01, 0.00, 0.02
HSL	237°, 20%, 98%
HSV	237°, 1%, 98%
XYZ	90.3322, 94.8561, 104.8028
YIQ	249.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

Format	Color
R_{YB}	249, 249, 251
Decimal	16382459
CIE _{Lab}	97.98, 0.32, -0.96
CIE _{LCh}	98, 1.011, 288.252
Yxy	94.8561, 0.3115, 0.3271
Android (android.graphics.Color)	4294572539 (0xFFFF9F9FB)
YUV	249.2280, 0.8736, -0.2000
Hunter-Lab	97.3941, -4.8824, 4.3757

Details

The Yxy color 94.8561, 0.3115, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.2597, 0.3139, 0.3309, and the grayscale version is 94.9153, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4175, 0.3112, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 76.7735, 0.2957, 0.3023, and if you desaturate by 10%, it is 99.7442, 0.3150, 0.3328.

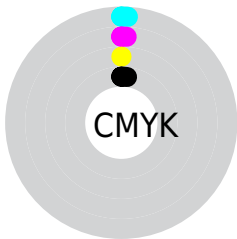
Distribution



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



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8561, 0.3115, 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 94.8561, 0.3115, 0.3271 by changing the saturation by 10% instead.


 94.8561, 0.3115,
0.3271

 94.8561, 0.3115,
0.3271


543.7042, 0.3120,
0.3279

 72.0152, 0.3114,
0.3269


154.0658, 0.3117,
0.3274

 53.1711, 0.3112,
0.3267


191.2034, 0.3118,
0.3275

 37.9394, 0.3111,
0.3264


233.8753, 0.3118,
0.3276

 25.9356, 0.3108,
0.3261

282.4660, 0.3119,
0.3277

 16.7755, 0.3105,
0.3256

337.3599, 0.3119,
0.3278

 10.0746, 0.3101,
0.3250

398.9412, 0.3120,

 5.4484, 0.3095,

0.3278

467.5946, 0.3120,
0.3279

0.3241

■ 2.5127, 0.3086,
0.3226

■ 0.8830, 0.3069,
0.3199

■ 94.8561, 0.3115,
0.3271

■ 94.8561, 0.3115,
0.3271

■ 76.7735, 0.2957,
0.3023

99.7442, 0.3150,
0.3328

■ 61.0688, 0.2779,
0.2742

■ 47.6466, 0.2583,
0.2430

■ 36.4009, 0.2375,
0.2095

■ 27.2167, 0.2162,
0.1749

■ 19.9689, 0.1959,
0.1413

■ 14.5186, 0.1780,
0.1112

■ 10.7083, 0.1640,
0.0869

■ 8.3534, 0.1548,
0.0704

Harmonies

Analogous

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



94.8561, 0.3108, 0.3274



94.8561, 0.3115, 0.3271



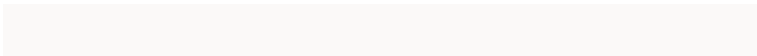
94.8561, 0.3126, 0.3273

Triad

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



94.8561, 0.3115, 0.3271



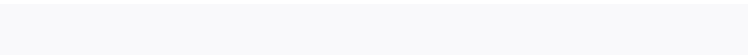
94.8561, 0.3149, 0.3300



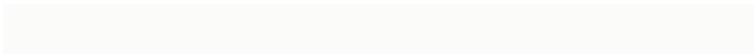
94.8561, 0.3118, 0.3300

Complementary

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



94.8561, 0.3115, 0.3271



96.2597, 0.3139, 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.



94.8561, 0.3129, 0.3307



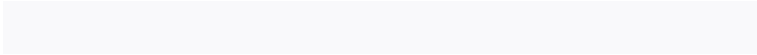
94.8561, 0.3115, 0.3271



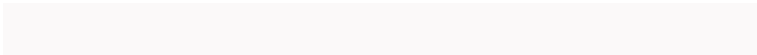
94.8561, 0.3147, 0.3307

Square

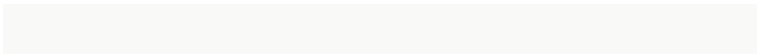
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.8561, 0.3115, 0.3271



94.8561, 0.3145, 0.3290



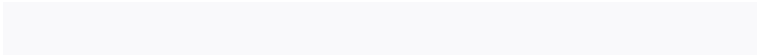
94.8561, 0.3140, 0.3310



94.8561, 0.3109, 0.3291

Rectangle

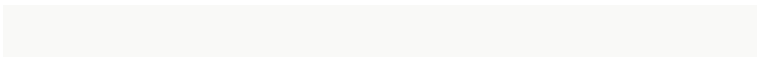
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



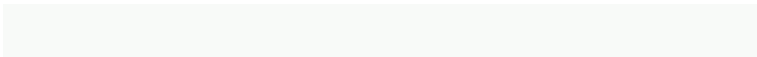
94.8561, 0.3115, 0.3271



94.8561, 0.3133, 0.3278



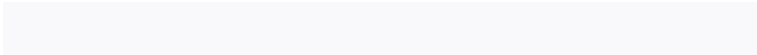
94.8561, 0.3140, 0.3310



94.8561, 0.3121, 0.3303

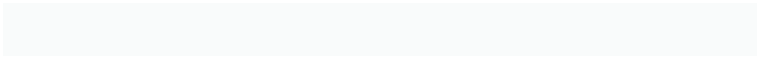
Sweetspot

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



94.8602, 0.3115, 0.3271

100.0000, 0.3127, 0.3290



96.0673, 0.3115, 0.3291



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.



94.8602, 0.3115, 0.3271



97.9882, 0.3112, 0.3267



94.9575, 0.3121, 0.3270



20.0990, 0.3113, 0.3268



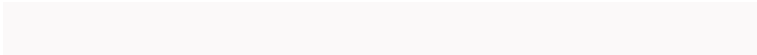
3.8775, 0.1509, 0.0632



0.4093, 0.1531, 0.0710

Inverse Universe

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



95.0514, 0.3140, 0.3289



98.2292, 0.3142, 0.3289



96.1621, 0.3134, 0.3310



20.1459, 0.3142, 0.3289



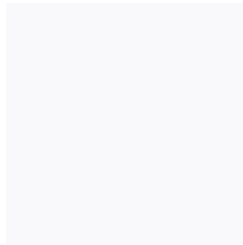
10.8023, 0.6347, 0.3270



1.0055, 0.6217, 0.3198

Previews

White Background



This preview shows how the Yxy color 94.8561, 0.3115, 0.3271 looks on a white background.

Color Contrast Check

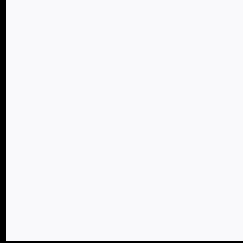
Large Text (above 18pt) WCAG AA × Fail

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 94.8561, 0.3115, 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

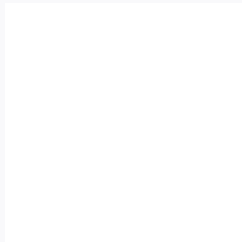
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8561, 0.3115, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 94.8561, 0.3115, 0.3271.

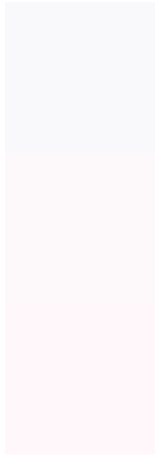


This preview shows how white text looks on a background with the Yxy color 94.8561, 0.3115, 0.3271.

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

94.8561, 0.3115, 0.3271

Protanopia

94.9196, 0.3147, 0.3271

Deuteranopia

94.6837, 0.3160, 0.3261

Tritanopia

94.6788, 0.3099, 0.3223

Trichromacy

Original Color

94.8561, 0.3115, 0.3271

Protanomaly

94.7324, 0.3141, 0.3271

Deuteranomaly

94.9196, 0.3147, 0.3271

Tritanomaly

94.6146, 0.3105, 0.3232

Monochromacy

Original Color

94.8561, 0.3115, 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 94.8561, 0.3115, 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(249, 249, 251)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 94.8561, 0.3115, 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(249, 249, 251) }
```

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

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

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

Background

The CSS property to change the background color of an element to Yxy 94.8561, 0.3115, 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(249, 249, 251) }
```

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

```
.background{ background-color: rgb(249,  
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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