

Converting Colors

$Yxy(95.7716, 0.3152, 0.3266)$

Have a look what the booklet for
Yxy(95.7716, 0.3152, 0.3266)
contains.

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Color

Yxy(95.9764, 0.3153, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9FB
RGB	255, 249, 251
RGB Percent	100%, 98%, 98%
CMY	0.0002, 0.0234, 0.0156
CMYK	0.00, 0.02, 0.02, 0.00
HSL	340°, 98%, 99%
HSV	340°, 2%, 100%
XYZ	92.5141, 95.9764, 104.9256
YIQ	251.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 249, 251
Decimal	16775675
CIE Lab	98.42, 2.32, -0.27
CIE LCh	98, 2.332, 353.444
Yxy	95.9764, 0.3153, 0.3271
Android (android.graphics.Color)	4294965755 (0xFFFFF9FB)
YUV	251.0220, -0.0108, 3.4887
Hunter-Lab	97.9675, -2.8796, 5.0763

Details

The Yxy color 95.9764, 0.3153, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.7172, 0.3102, 0.3309, and the grayscale version is 96.4843, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.0858, 0.3152, 0.3266 is the 20% darker color. If you saturate the color by 10%, you get 80.2530, 0.3279, 0.3186, and if you desaturate by 10%, it is 99.9894, 0.3127, 0.3290.

Distribution



Red (100%)

Green (98%)

Blue (98%)



Red (100%)

Yellow (98%)

Blue (98%)



Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.9764, 0.3153, 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 95.9764, 0.3153, 0.3271 by changing the saturation by 10% instead.

 95.9764, 0.3153,
0.3271

 95.9764, 0.3153,
0.3271

547.2861, 0.3142,
0.3279

 72.9479, 0.3155,
0.3269


155.6128, 0.3149,
0.3274

 53.9334, 0.3158,
0.3267

192.9896, 0.3148,
0.3275

 38.5484, 0.3162,
0.3264


235.9179, 0.3146,
0.3276

 26.4086, 0.3167,
0.3261

284.7821, 0.3145,
0.3277

 17.1296, 0.3173,
0.3256

339.9666, 0.3144,
0.3278

 10.3269, 0.3181,
0.3250

401.8559, 0.3143,

 5.6162, 0.3193,

0.3278

0.3241

470.8342, 0.3142,
0.3279

■ 2.6132, 0.3213,
0.3227

■ 0.9333, 0.3248,
0.3201

■ 95.9764, 0.3153,
0.3271

■ 95.9764, 0.3153,
0.3271

■ 80.2530, 0.3279,
0.3186

99.9894, 0.3127,
0.3290

■ 66.6713, 0.3434,
0.3096

■ 55.1416, 0.3624,
0.3003

■ 45.5630, 0.3852,
0.2913

■ 37.8260, 0.4122,
0.2833

■ 31.8104, 0.4432,
0.2772

■ 27.3813, 0.4773,
0.2743

■ 24.3835, 0.5123,
0.2758

■ 22.6299, 0.5454,
0.2824

Harmonies

Analogous

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



95.9764, 0.3128, 0.3254



95.9764, 0.3153, 0.3271



95.9764, 0.3171, 0.3293

Triad

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



95.9764, 0.3153, 0.3271



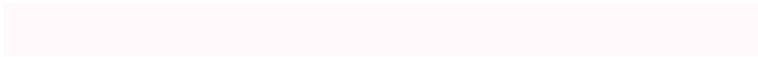
95.9764, 0.3152, 0.3335



95.9764, 0.3077, 0.3265

Complementary

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



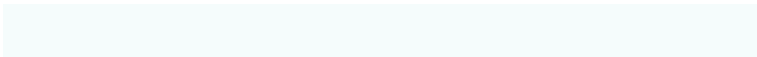
95.9764, 0.3153, 0.3271



98.7172, 0.3102, 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.



95.9764, 0.3084, 0.3287



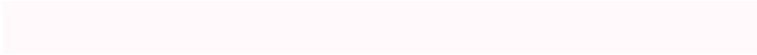
95.9764, 0.3153, 0.3271



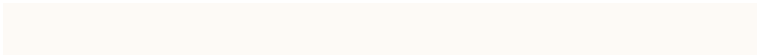
95.9764, 0.3126, 0.3327

Square

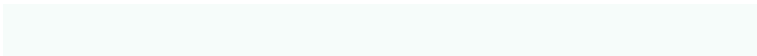
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.9764, 0.3153, 0.3271



95.9764, 0.3170, 0.3330



95.9764, 0.3102, 0.3310



95.9764, 0.3084, 0.3250

Rectangle

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



95.9764, 0.3153, 0.3271



95.9764, 0.3177, 0.3308



95.9764, 0.3102, 0.3310



95.9764, 0.3078, 0.3272

Sweetspot

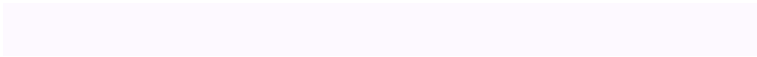
The Sweet Spot groups the original color and five complimentary colors.



95.9805, 0.3153, 0.3271



98.2752, 0.3138, 0.3282



95.8402, 0.3117, 0.3233



21.0531, 0.3138, 0.3282



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.



95.9805, 0.3153, 0.3271



94.8930, 0.3161, 0.3265



96.4061, 0.3164, 0.3299



20.0262, 0.3170, 0.3259



11.4823, 0.5636, 0.2878



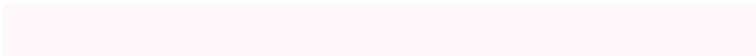
1.1374, 0.5318, 0.2703

Inverse Universe

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



95.9805, 0.3153, 0.3271



94.8930, 0.3161, 0.3265



98.2795, 0.3091, 0.3281



20.0262, 0.3170, 0.3259



11.4823, 0.5636, 0.2878



1.1374, 0.5318, 0.2703

Previews

White Background



This preview shows how the Yxy color 95.9764, 0.3153, 0.3271 looks on a white background.

Color Contrast Check

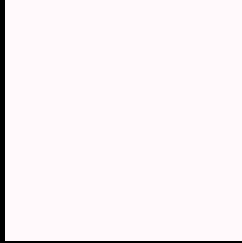
Large Text (above 18pt) WCAG AA × Fail

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 95.9764, 0.3153, 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 95.9764, 0.3153, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 95.9764, 0.3153, 0.3271.



This preview shows how white text looks on a background with the Yxy color 95.9764, 0.3153, 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

95.9764, 0.3153, 0.3271

Protanopia

95.7872, 0.3147, 0.3271

Deuteranopia

95.9764, 0.3153, 0.3271

Tritanopia

95.6668, 0.3111, 0.3232

Trichromacy

Original Color

95.9764, 0.3153, 0.3271

Protanomaly

95.7872, 0.3147, 0.3271

Deuteranomaly

95.9764, 0.3153, 0.3271

Tritanomaly

95.7898, 0.3123, 0.3242

Monochromacy

Original Color

95.9764, 0.3153, 0.3271

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.0317, 0.3134, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9764, 0.3153, 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(255, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 251) }
```

Border

The CSS property to change the border of an element to Yxy 95.9764, 0.3153, 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(255, 249, 251) }
```

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

```
.border{ border-color:rgb(255, 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(255, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9764, 0.3153, 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(255, 249, 251) }
```

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

```
.background{ background-color: rgb(255,  
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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