

Converting Colors

$Y_{xy}(97.4165, 0.2895, 0.2914)$

Have a look what the booklet for
Yxy(97.4165, 0.2895, 0.2914)
contains.

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Color

Yxy(94.9278, 0.3086, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	F8F9FF
RGB	248, 249, 255
RGB Percent	97%, 98%, 100%
CMY	0.0274, 0.0235, 0.0000
CMYK	0.03, 0.02, 0.00, 0.00
HSL	232°, 100%, 99%
HSV	232°, 3%, 100%
XYZ	90.6396, 94.9278, 108.1449
YIQ	249.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

Format	Color
RYB	248, 249, 255
Decimal	16316927
CIELab	98.00, 0.75, -2.99
CIELCh	98, 3.080, 284.088
Yxy	94.9278, 0.3086, 0.3232
Android (android.graphics.Color)	4294507007 (0xFFFF8F9FF)
YUV	249.3850, 2.7682, -1.2146
Hunter-Lab	97.4309, -4.4462, 2.3918

Details

The Yxy color 94.9278, 0.3086, 0.3232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.9238, 0.3168, 0.3347, and the grayscale version is 95.0469, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4236, 0.3082, 0.3229 is the 20% darker color. If you saturate the color by 10%, you get 77.8285, 0.2925, 0.3002, and if you desaturate by 10%, it is 99.9995, 0.3127, 0.3290.

Distribution



- Red (97%)
- Green (98%)
- Blue (100%)



- Red (97%)
- Yellow (98%)
- Blue (100%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9278, 0.3086, 0.3232 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 94.9278, 0.3086, 0.3232 by changing the saturation by 10% instead.


 94.9278, 0.3086,
0.3232

 94.9278, 0.3086,
0.3232

543.9338, 0.3104,
0.3258

 72.0749, 0.3082,
0.3226


154.1649, 0.3092,
0.3241

 53.2199, 0.3077,
0.3220


191.3178, 0.3095,
0.3244

 37.9783, 0.3071,
0.3211


234.0062, 0.3097,
0.3247

 25.9659, 0.3064,
0.3201

282.6144, 0.3099,
0.3250

 16.7981, 0.3054,
0.3187

337.5269, 0.3100,
0.3252

 10.0906, 0.3040,
0.3168

399.1280, 0.3102,

 5.4591, 0.3020,

0.3254

0.3140

467.8022, 0.3103,
0.3256

■ 2.5191, 0.2989,
0.3097

■ 0.8862, 0.2931,
0.3018

■ 94.9278, 0.3086,
0.3232

■ 94.9278, 0.3086,
0.3232

■ 77.8285, 0.2925,
0.3002

99.9995, 0.3127,
0.3290

■ 62.8576, 0.2747,
0.2742

■ 49.9352, 0.2554,
0.2455

■ 38.9714, 0.2353,
0.2146

■ 29.8698, 0.2151,
0.1826

■ 22.5255, 0.1958,
0.1510

■ 16.8231, 0.1789,
0.1218

■ 12.6331, 0.1655,
0.0971

■ 9.8053, 0.1565,
0.0786

Harmonies

Analogous

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



94.9278, 0.3066, 0.3242



94.9278, 0.3086, 0.3232



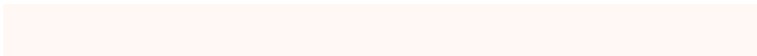
94.9278, 0.3117, 0.3237

Triad

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



94.9278, 0.3086, 0.3232



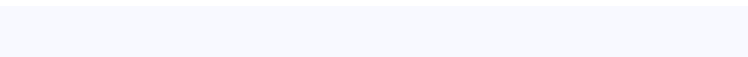
94.9278, 0.3193, 0.3315



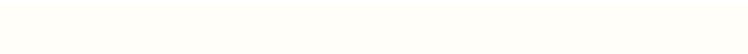
94.9278, 0.3103, 0.3324

Complementary

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



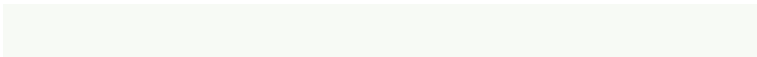
94.9278, 0.3086, 0.3232



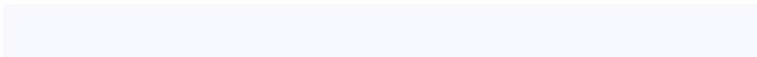
98.9238, 0.3168, 0.3347

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.



94.9278, 0.3137, 0.3344



94.9278, 0.3086, 0.3232



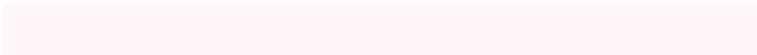
94.9278, 0.3189, 0.3338

Square

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



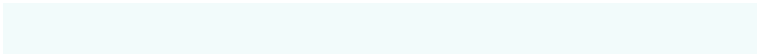
94.9278, 0.3086, 0.3232



94.9278, 0.3179, 0.3285



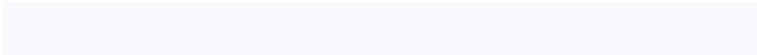
94.9278, 0.3168, 0.3349



94.9278, 0.3075, 0.3295

Rectangle

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



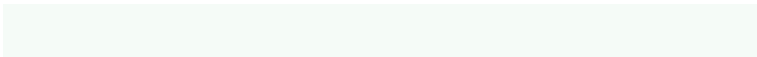
94.9278, 0.3086, 0.3232



94.9278, 0.3140, 0.3249



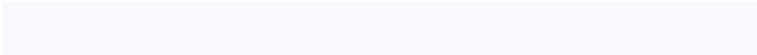
94.9278, 0.3168, 0.3349



94.9278, 0.3114, 0.3332

Sweetspot

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



94.9319, 0.3086, 0.3232



98.1306, 0.3112, 0.3269



98.6263, 0.3090, 0.3300



21.0237, 0.3113, 0.3270



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.



94.9319, 0.3086, 0.3232



94.4584, 0.3082, 0.3226



94.7730, 0.3102, 0.3223



19.9082, 0.3070, 0.3209



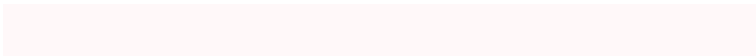
4.5583, 0.1531, 0.0710



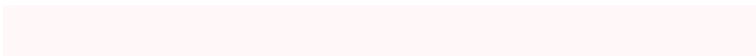
0.5630, 0.1576, 0.0873

Inverse Universe

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



95.2430, 0.3166, 0.3281



94.7999, 0.3170, 0.3280



99.0913, 0.3152, 0.3357



20.0011, 0.3182, 0.3277



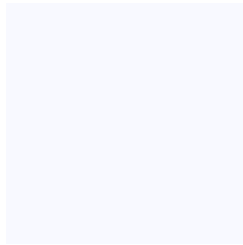
11.1881, 0.6216, 0.3198



1.1014, 0.5954, 0.3053

Previews

White Background



This preview shows how the Yxy color 94.9278, 0.3086, 0.3232 looks on a white background.

Color Contrast Check

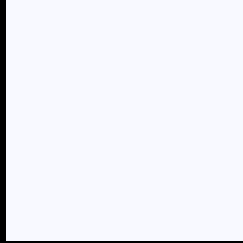
Large Text (above 18pt) WCAG AA × Fail

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 94.9278, 0.3086, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

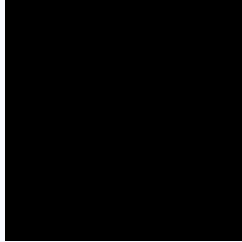
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

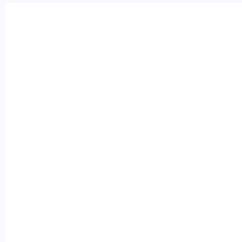
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9278, 0.3086, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 94.9278, 0.3086, 0.3232.



This preview shows how white text looks on a background with the Yxy color 94.9278, 0.3086, 0.3232.

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

94.9278, 0.3086, 0.3232

Protanopia

94.9860, 0.3117, 0.3232

Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy

Original Color

94.9278, 0.3086, 0.3232

Protanomaly

94.7998, 0.3111, 0.3232

Deuteranomaly

94.8585, 0.3129, 0.3252

Tritanomaly

95.1111, 0.3092, 0.3232

Monochromacy

Original Color

94.9278, 0.3086, 0.3232

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.8561, 0.3115, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9278, 0.3086, 0.3232 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, 255) looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.9278, 0.3086, 0.3232 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, 255) }
```

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

```
.border{ border-color:rgb(248, 249, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9278, 0.3086, 0.3232 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, 255) }
```

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

```
.background{ background-color: rgb(248,  
249, 255) }
```

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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