

Converting Colors

$Y_{xy}(94.3280, 0.3083, 0.3290)$

Have a look what the booklet for
Yxy(94.3280, 0.3083, 0.3290)
contains.

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Color

Yxy(94.3280, 0.3083, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	F3FAFA
RGB	243, 250, 250
RGB Percent	95%, 98%, 98%
CMY	0.0472, 0.0195, 0.0196
CMYK	0.03, 0.00, 0.00, 0.02
HSL	180°, 41%, 97%
HSV	180°, 3%, 98%
XYZ	88.3931, 94.3280, 103.9902
YIQ	247.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

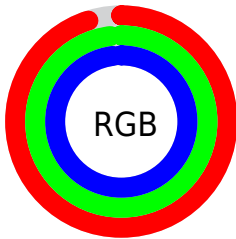
Format	Color
R _Y B	243, 247, 250
Decimal	15989498
CIE Lab	97.76, -2.31, -0.81
CIE LCh	98, 2.452, 199.372
Yxy	94.3280, 0.3083, 0.3290
Android (android.graphics.Color)	4294179578 (0xFF3FAFA)
YUV	247.9070, 1.0318, -4.3034
Hunter-Lab	97.1226, -7.5084, 4.5034

Details

The Yxy color 94.3280, 0.3083, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.8760, 0.3173, 0.3290, and the grayscale version is 93.7818, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0434, 0.3072, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 90.1798, 0.2931, 0.3290, and if you desaturate by 10%, it is 96.5474, 0.3158, 0.3290.

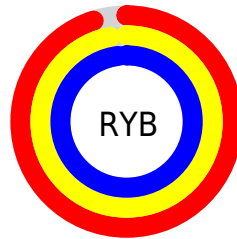
Distribution



Red (95%)

Green (98%)

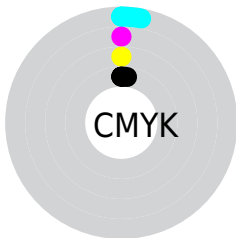
Blue (98%)



Red (95%)

Yellow (97%)

Blue (98%)

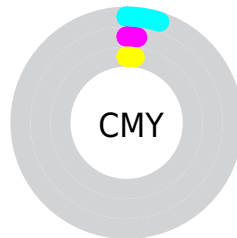


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (5%)


Magenta (2%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3280, 0.3083, 0.3290 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 94.3280, 0.3083, 0.3290 by changing the saturation by 10% instead.


 94.3280, 0.3083,
0.3290

 94.3280, 0.3083,
0.3290

542.0114, 0.3103,
0.3290

 71.5758, 0.3079,
0.3290

153.3359, 0.3090,
0.3290

 52.8122, 0.3074,
0.3290


190.3604, 0.3092,
0.3290

 37.6529, 0.3067,
0.3290


232.9110, 0.3094,
0.3290

 25.7134, 0.3059,
0.3290

281.3723, 0.3096,
0.3290

 16.6094, 0.3048,
0.3290

336.1286, 0.3098,
0.3290

 9.9564, 0.3034,
0.3289

397.5643, 0.3100,

 5.3700, 0.3013,

0.3290

466.0638, 0.3101,
0.3290

0.3289

2.4660, 0.2979,
0.3288

0.8595, 0.2910,
0.3289

94.3280, 0.3083,
0.3290

94.3280, 0.3083,
0.3290

90.1798, 0.2931,
0.3290

96.5474, 0.3158,
0.3290

86.6090, 0.2789,
0.3290


96.5510, 0.3158,
0.3289


83.5935, 0.2659,
0.3291

96.5545, 0.3158,
0.3289


81.1055, 0.2545,
0.3291


96.5580, 0.3157,
0.3288

 79.1146, 0.2449,
0.3291

 96.5616, 0.3157,
0.3288

 77.5874, 0.2372,
0.3292


 96.5651, 0.3157,
0.3287


 76.4864, 0.2314,
0.3293

 96.5687, 0.3156,
0.3286

 75.7682, 0.2276,
0.3293

 96.5722, 0.3156,
0.3286

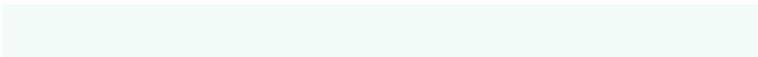
 75.3802, 0.2255,
0.3294

 96.5757, 0.3156,
0.3285

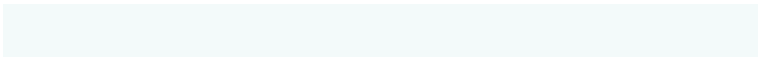
Harmonies

Analogous

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



94.3280, 0.3103, 0.3314



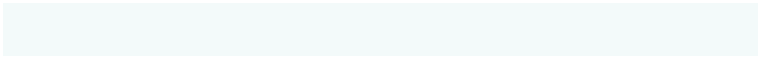
94.3280, 0.3083, 0.3290



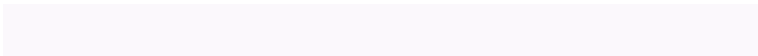
94.3280, 0.3075, 0.3267

Triad

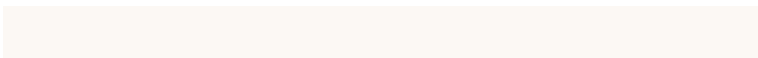
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3280, 0.3083, 0.3290



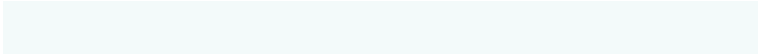
94.3280, 0.3124, 0.3250



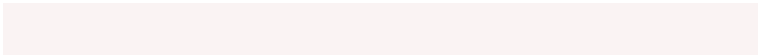
94.3280, 0.3175, 0.3331

Complementary

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



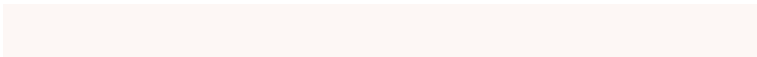
94.3280, 0.3083, 0.3290



90.8760, 0.3173, 0.3290

Split Complementary

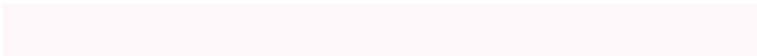
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3280, 0.3180, 0.3314



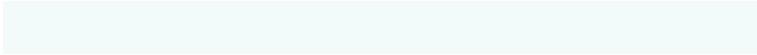
94.3280, 0.3083, 0.3290



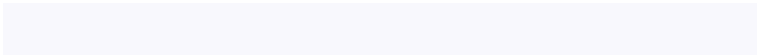
94.3280, 0.3151, 0.3267

Square

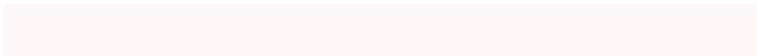
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.3280, 0.3083, 0.3290



94.3280, 0.3098, 0.3244



94.3280, 0.3172, 0.3290



94.3280, 0.3156, 0.3337

Rectangle

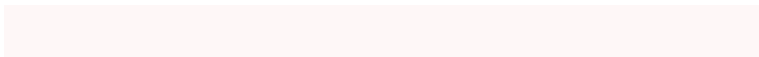
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.3280, 0.3083, 0.3290



94.3280, 0.3077, 0.3254



94.3280, 0.3172, 0.3290



94.3280, 0.3178, 0.3326

Sweetspot

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



94.3320, 0.3083, 0.3290



99.5192, 0.3111, 0.3290



93.9196, 0.3125, 0.3360



21.3063, 0.3112, 0.3290



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.



94.3320, 0.3083, 0.3290



98.5767, 0.3080, 0.3290



92.2331, 0.3084, 0.3256



20.1233, 0.3068, 0.3290



39.9090, 0.2248, 0.3294



3.6965, 0.2248, 0.3293

Inverse Universe

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



90.8760, 0.3173, 0.3290



94.7339, 0.3176, 0.3290



92.9343, 0.3171, 0.3323



19.1328, 0.3190, 0.3290



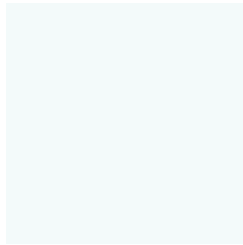
10.7814, 0.6398, 0.3298



0.9988, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 94.3280, 0.3083, 0.3290 looks on a white background.

Color Contrast Check

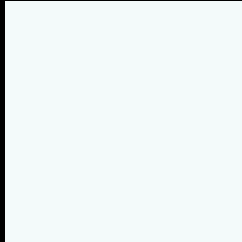
Large Text (above 18pt) WCAG AA × Fail

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 94.3280, 0.3083, 0.3290 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

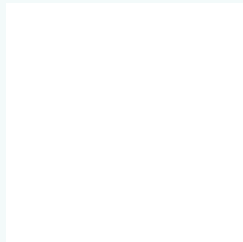
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3280, 0.3083, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 94.3280, 0.3083, 0.3290.

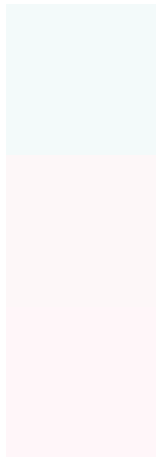


This preview shows how white text looks on a background with the Yxy color 94.3280, 0.3083, 0.3290.

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

94.3280, 0.3083, 0.3290

Protanopia

94.1815, 0.3160, 0.3280

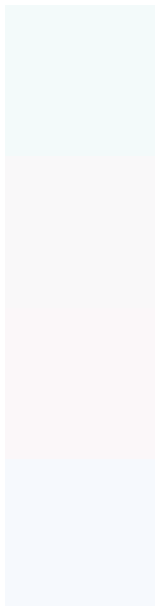
Deuteranopia

94.0111, 0.3167, 0.3261

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.3280, 0.3083, 0.3290

Protanomaly

94.1141, 0.3128, 0.3280

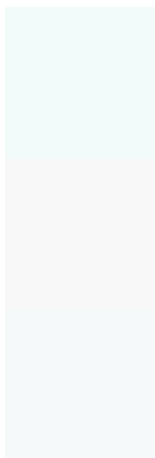
Deuteranomaly

93.8703, 0.3141, 0.3271

Tritanomaly

94.4360, 0.3085, 0.3251

Monochromacy



Original Color

94.3280, 0.3083, 0.3290

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.1837, 0.3108, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3280, 0.3083, 0.3290 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(243, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 250)  
}
```

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(243, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 250) }
```

Border

The CSS property to change the border of an element to Yxy 94.3280, 0.3083, 0.3290 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(243, 250, 250) }
```

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

```
.border{ border-color:rgb(243, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3280, 0.3083, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 250) }
```

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

```
.background{ background-color: rgb(243,  
250, 250) }
```

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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