

# Converting Colors

$Yxy(95.4372, 0.3084, 0.3280)$

Have a look what the booklet for  
Yxy(95.4372, 0.3084, 0.3280)  
contains.

<b>Yxy(95.4351, 0.3084, 0.3280)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(95.4351, 0.3084, 0.3280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5FBFC
RGB	245, 251, 252
RGB Percent	96%, 98%, 99%
CMY	0.0391, 0.0157, 0.0117
CMYK	0.03, 0.00, 0.00, 0.01
HSL	189°, 54%, 97%
HSV	189°, 3%, 99%
XYZ	89.7323, 95.4351, 105.7933
YIQ	249.3200, -3.8970, -0.9610

# Conversions

## Conversions Part 2

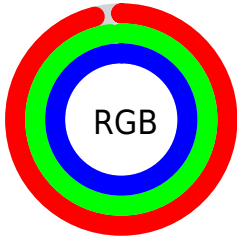
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 248, 252
Decimal	16120828
CIE Lab	98.21, -1.77, -1.18
CIE LCh	98, 2.129, 213.682
Yxy	95.4351, 0.3084, 0.3280
Android (android.graphics.Color)	4294310908 (0xFF5FBFC)
YUV	249.3200, 1.3212, -3.7886
Hunter-Lab	97.6909, -7.0010, 4.1762

# Details

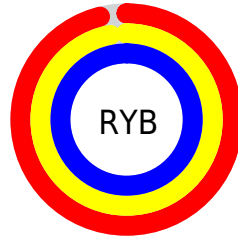
The Yxy color 95.4351, 0.3084, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.2288, 0.3172, 0.3300, and the grayscale version is 95.0059, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7892, 0.3080, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 88.9483, 0.2930, 0.3242, and if you desaturate by 10%, it is 99.5875, 0.3145, 0.3315.

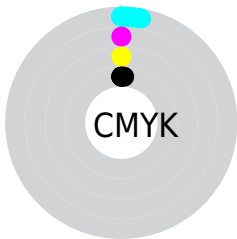
# Distribution



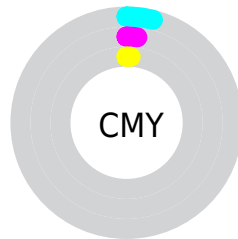
- Red (96%)
- Green (98%)
- Blue (99%)



- Red (96%)
- Yellow (97%)
- Blue (99%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (4%)
- Magenta (2%)
- Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.4351, 0.3084, 0.3280 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 95.4351, 0.3084, 0.3280 by changing the saturation by 10% instead.



 95.4351, 0.3084,  
0.3280

 95.4351, 0.3084,  
0.3280


545.5570, 0.3103,  
0.3285

 72.4972, 0.3080,  
0.3279

154.8656, 0.3090,  
0.3282

 53.5649, 0.3075,  
0.3278


192.1269, 0.3093,  
0.3282

 38.2539, 0.3069,  
0.3276


234.9315, 0.3095,  
0.3283

 26.1798, 0.3061,  
0.3274

283.6637, 0.3097,  
0.3283

 16.9582, 0.3050,  
0.3272

338.7080, 0.3099,  
0.3284

 10.2047, 0.3036,  
0.3268

400.4487, 0.3100,

 5.5349, 0.3016,

0.3284

0.3263

469.2702, 0.3102,  
0.3284

■ 2.5644, 0.2984,  
0.3255

■ 0.9088, 0.2925,  
0.3240

■ 95.4351, 0.3084,  
0.3280

■ 95.4351, 0.3084,  
0.3280

■ 88.9483, 0.2930,  
0.3242

99.5875, 0.3145,  
0.3315

■ 83.0938, 0.2782,  
0.3200

99.8089, 0.3144,  
0.3319

■ 77.8490, 0.2642,  
0.3155

■ 73.1852, 0.2514,  
0.3108

■ 69.0712, 0.2401,  
0.3058

■ 65.4727, 0.2305,  
0.3006

■ 62.3512, 0.2229,  
0.2954

■ 59.6623, 0.2172,  
0.2902

■ 57.3521, 0.2133,  
0.2851

# Harmonies

## Analogous

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



95.4351, 0.3097, 0.3301



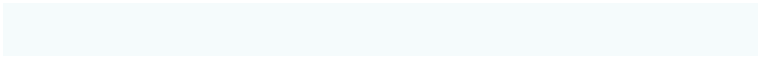
95.4351, 0.3084, 0.3280



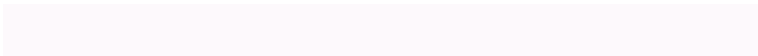
95.4351, 0.3082, 0.3262

# Triad

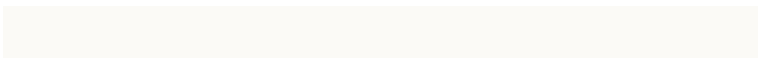
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.4351, 0.3084, 0.3280



95.4351, 0.3136, 0.3261



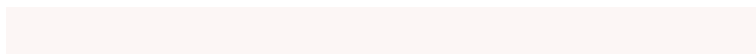
95.4351, 0.3162, 0.3329

# Complementary

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



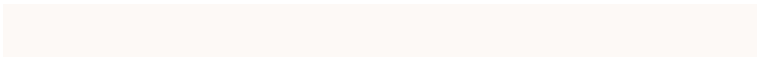
95.4351, 0.3084, 0.3280



93.2288, 0.3172, 0.3300

# Split Complementary

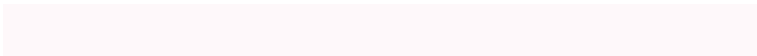
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4351, 0.3172, 0.3318



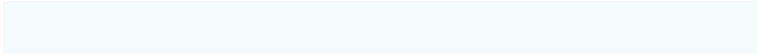
95.4351, 0.3084, 0.3280



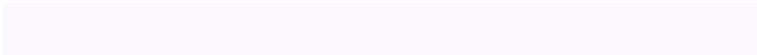
95.4351, 0.3157, 0.3279

# Square

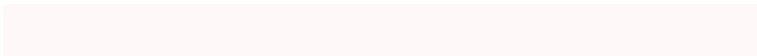
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



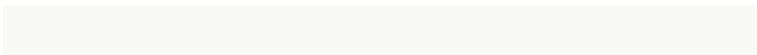
95.4351, 0.3084, 0.3280



95.4351, 0.3112, 0.3251



95.4351, 0.3171, 0.3300



95.4351, 0.3142, 0.3330



# Rectangle

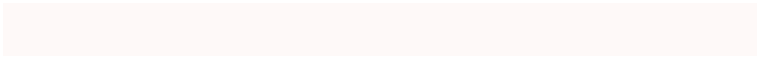
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



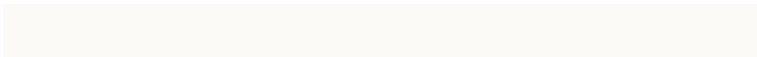
95.4351, 0.3084, 0.3280



95.4351, 0.3088, 0.3254



95.4351, 0.3171, 0.3300



95.4351, 0.3167, 0.3327

# Sweetspot

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



95.4392, 0.3084, 0.3280



99.2838, 0.3112, 0.3286



95.6960, 0.3119, 0.3349



21.2584, 0.3112, 0.3287



0.0000, 0.0000, 0.0000

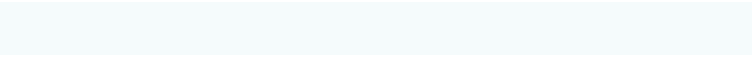


21.4041, 0.3127, 0.3290

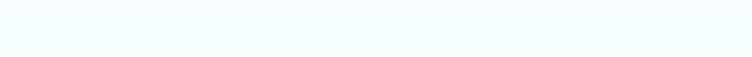


# Same Dimension

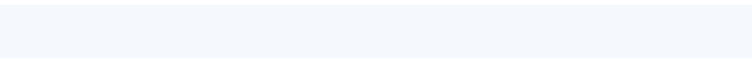
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4392, 0.3084, 0.3280



97.8719, 0.3080, 0.3279



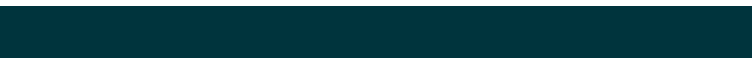
93.3290, 0.3085, 0.3247



19.9408, 0.3068, 0.3276



29.2653, 0.2117, 0.2823

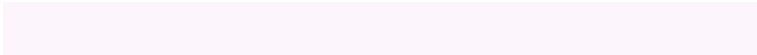


2.8239, 0.2134, 0.2884



# Inverse Universe

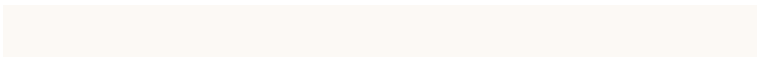
The Inverse Universe completely reimagines the original color for something new.



92.9849, 0.3136, 0.3232



95.1445, 0.3137, 0.3228



95.3216, 0.3170, 0.3333



19.2385, 0.3140, 0.3211



13.3652, 0.3614, 0.1764

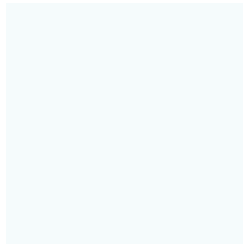


1.2493, 0.3558, 0.1734



# Previews

## White Background



This preview shows how the Yxy color 95.4351, 0.3084, 0.3280 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

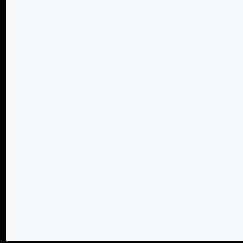
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.4351, 0.3084, 0.3280 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 95.4351, 0.3084, 0.3280**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.4351, 0.3084, 0.3280.

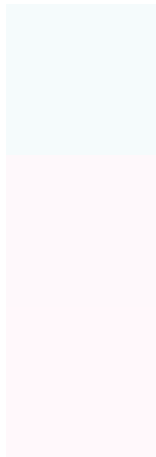


This preview shows how white text looks on a background with the Yxy color 95.4351, 0.3084, 0.3280.

# 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

95.4351, 0.3084, 0.3280

### Protanopia

95.1707, 0.3148, 0.3261

### Deuteranopia

95.3598, 0.3154, 0.3261

## **Tritanopia**

95.1111, 0.3092, 0.3232

# Trichromacy



**Original Color**

95.4351, 0.3084, 0.3280

**Protanomaly**

95.2256, 0.3128, 0.3271

**Deuteranomaly**

95.2256, 0.3128, 0.3271

**Tritanomaly**

95.4834, 0.3091, 0.3251

# Monochromacy



**Original Color**

95.4351, 0.3084, 0.3280

**Achromatopsia**

94.7307, 0.3127, 0.3290

**Achromatomaly**

95.2298, 0.3115, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.4351, 0.3084, 0.3280 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(245, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(245, 251, 252)  
}
```

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(245, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 251, 252) }
```

## Border

The CSS property to change the border of an element to Yxy 95.4351, 0.3084, 0.3280 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(245, 251, 252) }
```

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

```
.border{ border-color:rgb(245, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 251,  
252) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.4351, 0.3084, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 251, 252) }
```

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

```
.background{ background-color: rgb(245,  
251, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor