

# Converting Colors

Yxy(94.1684, 0.3022, 0.3282)

Have a look what the booklet for  
Yxy(94.1684, 0.3022, 0.3282)  
contains.

<b>Yxy(94.3112, 0.3022, 0.3290)</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(94.3112, 0.3022, 0.3290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBFCFC
RGB	235, 252, 252
RGB Percent	92%, 99%, 99%
CMY	0.0786, 0.0117, 0.0118
CMYK	0.07, 0.00, 0.00, 0.01
HSL	180°, 74%, 95%
HSV	180°, 7%, 99%
XYZ	86.6287, 94.3112, 105.7203
YIQ	246.9170, -10.1320, -3.6040

# Conversions

## Conversions Part 2

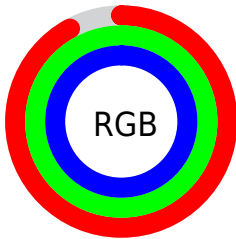
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 244, 252
Decimal	15465724
CIE Lab	97.76, -5.55, -1.91
CIE LCh	98, 5.873, 198.992
Yxy	94.3112, 0.3022, 0.3290
Android (android.graphics.Color)	4293655804 (0xFFEBFCFC)
YUV	246.9170, 2.5059, -10.4512
Hunter-Lab	97.1140, -10.7218, 3.4354

# Details

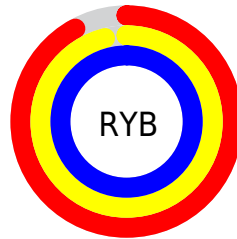
The Yxy color **94.3112, 0.3022, 0.3290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.0881, 0.3242, 0.3290**, and the grayscale version is **92.9229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5540, 0.3002, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **90.3229, 0.2874, 0.3290**, and if you desaturate by 10%, it is **97.9237, 0.3146, 0.3290**.

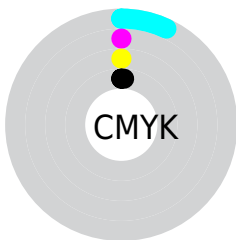
# Distribution



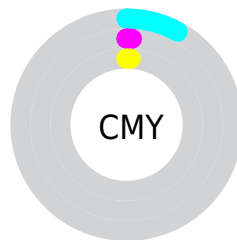
- Red (92%)
- Green (99%)
- Blue (99%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (8%)
- Magenta (1%)
- Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.3112, 0.3022, 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 94.3112, 0.3022, 0.3290 by changing the saturation by 10% instead.



 94.3112, 0.3022,  
0.3290

 94.3112, 0.3022,  
0.3290


541.9575, 0.3068,  
0.3290

 71.5618, 0.3012,  
0.3290


153.3127, 0.3038,  
0.3290

 52.8008, 0.3000,  
0.3290


190.3335, 0.3044,  
0.3290

 37.6438, 0.2985,  
0.3290


232.8803, 0.3049,  
0.3290

 25.7063, 0.2965,  
0.3289

281.3375, 0.3054,  
0.3290

 16.6041, 0.2940,  
0.3289

336.0894, 0.3058,  
0.3290

 9.9526, 0.2906,  
0.3288

397.5204, 0.3062,

 5.3675, 0.2856,

0.3290

0.3287

466.0150, 0.3065,  
0.3290

■ 2.4645, 0.2777,  
0.3284

■ 0.8588, 0.2606,  
0.3288

■ 94.3112, 0.3022,  
0.3290

■ 94.3112, 0.3022,  
0.3290

■ 90.3229, 0.2874,  
0.3290

■ 97.9237, 0.3146,  
0.3290

■ 86.9128, 0.2736,  
0.3290

■ 97.9269, 0.3145,  
0.3289

■ 84.0578, 0.2612,  
0.3291

■ 97.9300, 0.3145,  
0.3289

■ 81.7284, 0.2505,  
0.3291

■ 97.9332, 0.3145,  
0.3288

 79.8925, 0.2416,  
0.3291

 97.9364, 0.3145,  
0.3288

 78.5146, 0.2347,  
0.3292


 97.9396, 0.3144,  
0.3288

 77.5542, 0.2297,  
0.3292

 97.9427, 0.3144,  
0.3287

 76.9642, 0.2266,  
0.3293

 97.9459, 0.3144,  
0.3287

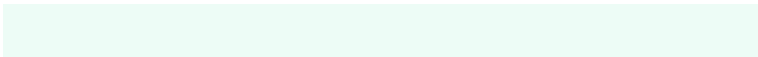
 76.6846, 0.2251,  
0.3293

 97.9491, 0.3143,  
0.3286

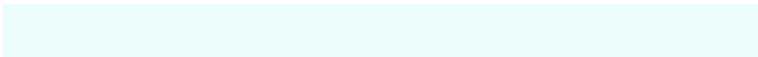
# Harmonies

## Analogous

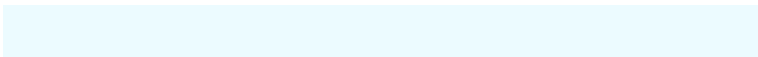
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3112, 0.3070, 0.3347



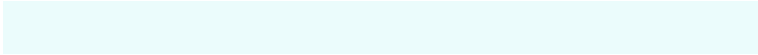
94.3112, 0.3022, 0.3290



94.3112, 0.3002, 0.3234

# Triad

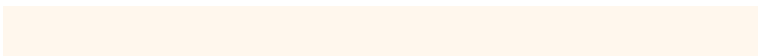
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3112, 0.3022, 0.3290



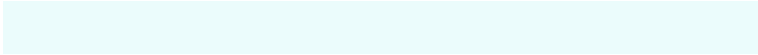
94.3112, 0.3119, 0.3194



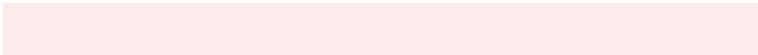
94.3112, 0.3241, 0.3387

# Complementary

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



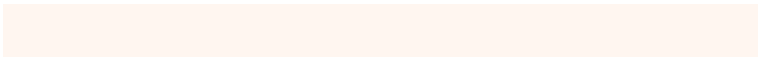
94.3112, 0.3022, 0.3290



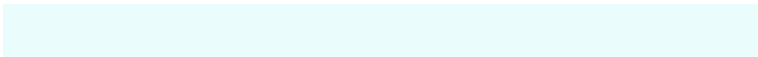
86.0881, 0.3242, 0.3290

# Split Complementary

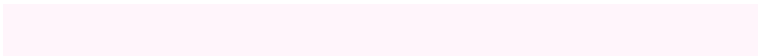
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3112, 0.3255, 0.3345



94.3112, 0.3022, 0.3290



94.3112, 0.3184, 0.3234

# Square

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



94.3112, 0.3022, 0.3290



94.3112, 0.3057, 0.3179



94.3112, 0.3234, 0.3289

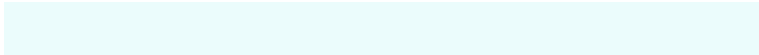


94.3112, 0.3197, 0.3403

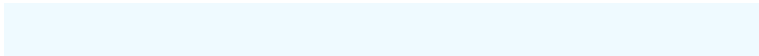


# Rectangle

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



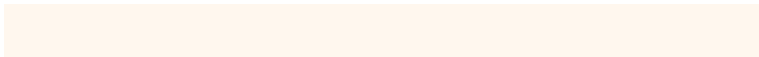
94.3112, 0.3022, 0.3290



94.3112, 0.3006, 0.3204



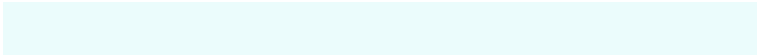
94.3112, 0.3234, 0.3289



94.3112, 0.3249, 0.3375

# Sweetspot

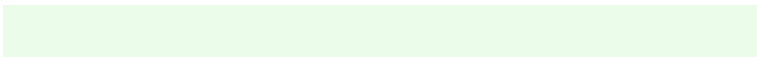
The Sweet Spot groups the original color and five complimentary colors.



94.3152, 0.3022, 0.3290



99.0449, 0.3096, 0.3290



93.3319, 0.3121, 0.3462



21.2097, 0.3097, 0.3290



0.0000, 0.0000, 0.0000

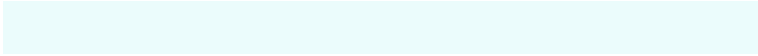


21.4041, 0.3127, 0.3290

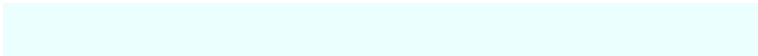


# Same Dimension

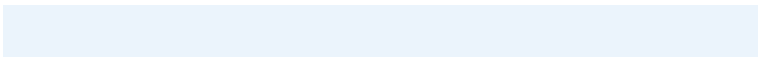
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3152, 0.3022, 0.3290



96.3316, 0.3003, 0.3290



89.2485, 0.3022, 0.3207



19.6080, 0.2981, 0.3290



39.9112, 0.2248, 0.3293

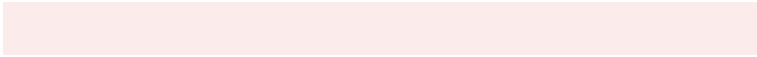


3.6966, 0.2248, 0.3293



# Inverse Universe

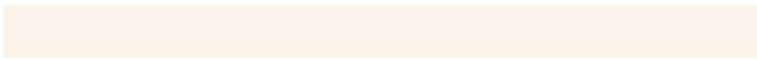
The Inverse Universe completely reimagines the original color for something new.



86.0881, 0.3242, 0.3290



86.4253, 0.3265, 0.3290



90.9177, 0.3235, 0.3371



17.2258, 0.3294, 0.3290



10.7813, 0.6399, 0.3299

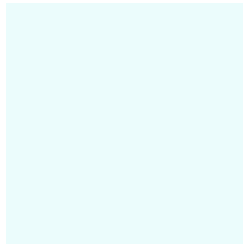


0.9987, 0.6394, 0.3296



# Previews

## White Background



This preview shows how the Yxy color 94.3112, 0.3022, 0.3290 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

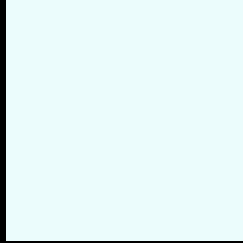
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 94.3112, 0.3022, 0.3290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

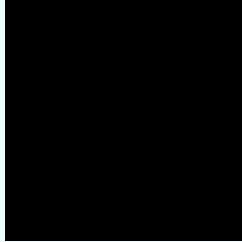
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

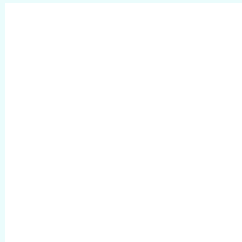
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 94.3112, 0.3022, 0.3290**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.3112, 0.3022, 0.3290.

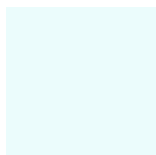


This preview shows how white text looks on a background with the Yxy color 94.3112, 0.3022, 0.3290.

# Color Blindness Simulation

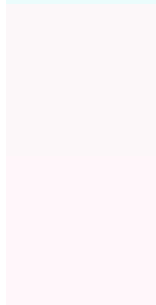
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

94.3112, 0.3022, 0.3290



### Protanopia

94.0565, 0.3147, 0.3271

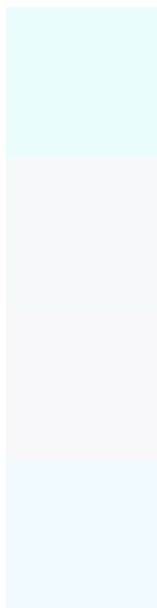
### Deuteranopia

94.0737, 0.3161, 0.3252

## **Tritanopia**

94.3838, 0.3067, 0.3232

# Trichromacy



## Original Color

94.3112, 0.3022, 0.3290

## Protanomaly

94.2463, 0.3102, 0.3280

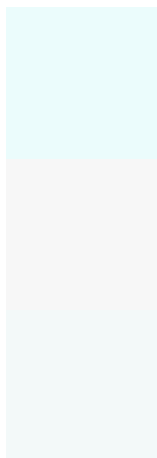
## Deuteranomaly

94.0563, 0.3110, 0.3261

## Tritanomaly

94.2277, 0.3048, 0.3251

# Monochromacy



## Original Color

94.3112, 0.3022, 0.3290

## Achromatopsia

93.0111, 0.3127, 0.3290

## Achromatomaly

93.6456, 0.3089, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 94.3112, 0.3022, 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(235, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(235, 252, 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(235, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 252, 252) }
```

## Border

The CSS property to change the border of an element to Yxy 94.3112, 0.3022, 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(235, 252, 252) }
```

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

```
.border{ border-color:rgb(235, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(235, 252,  
252) }
```



# Background

The CSS property to change the background color of an element to Yxy 94.3112, 0.3022, 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(235, 252, 252) }
```

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

```
.background{ background-color: rgb(235,  
252, 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