

# Converting Colors

$Yxy(91.9350, 0.3002, 0.3282)$

Have a look what the booklet for  
Yxy(91.9350, 0.3002, 0.3282)  
contains.

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# Color

**Yxy(92.0963, 0.3003, 0.3290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6FAFA
RGB	230, 250, 250
RGB Percent	90%, 98%, 98%
CMY	0.0982, 0.0195, 0.0197
CMYK	0.08, 0.00, 0.00, 0.02
HSL	180°, 67%, 94%
HSV	180°, 8%, 98%
XYZ	84.0624, 92.0963, 103.7693
YIQ	244.0200, -11.9200, -4.2400

# Conversions

## Conversions Part 2

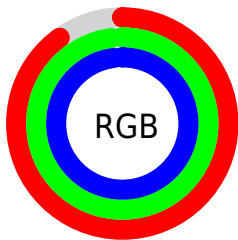
Format	Color
R <sub>Y</sub> B	230, 240, 250
Decimal	15137530
CIE Lab	96.86, -6.52, -2.23
CIE LCh	97, 6.891, 198.907
Yxy	92.0963, 0.3003, 0.3290
Android (android.graphics.Color)	4293327610 (0xFFE6FAFA)
YUV	244.0200, 2.9481, -12.2955
Hunter-Lab	95.9668, -11.5844, 3.0663

# Details

The Yxy color **92.0963, 0.3003, 0.3290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.6149, 0.3266, 0.3290**, and the grayscale version is **90.4641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4773, 0.2971, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **88.2538, 0.2856, 0.3290**, and if you desaturate by 10%, it is **96.5397, 0.3158, 0.3290**.

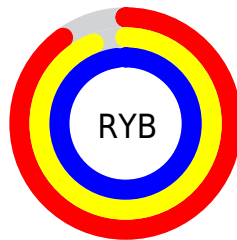
# Distribution



Red (90%)

Green (98%)

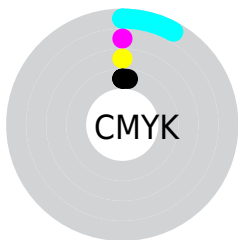
Blue (98%)



Red (90%)

Yellow (94%)

Blue (98%)

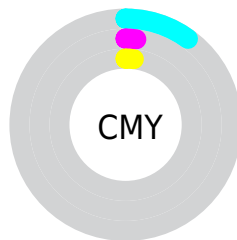


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (2%)


Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.0963, 0.3003, 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 92.0963, 0.3003, 0.3290 by changing the saturation by 10% instead.




 92.0963, 0.3003,  
0.3290

 92.0963, 0.3003,  
0.3290

534.8267, 0.3058,  
0.3290

 69.7206, 0.2991,  
0.3290

150.2469, 0.3022,  
0.3290

 51.2988, 0.2976,  
0.3290


186.7905, 0.3029,  
0.3290

 36.4465, 0.2958,  
0.3289


228.8256, 0.3035,  
0.3290

 24.7792, 0.2935,  
0.3289

276.7366, 0.3041,  
0.3290

 15.9126, 0.2905,  
0.3288

330.9078, 0.3046,  
0.3290

 9.4623, 0.2864,  
0.3287

391.7236, 0.3050,

 5.0440, 0.2803,

0.3290

459.5684, 0.3054,  
0.3290

0.3285

■ 2.2731, 0.2707,  
0.3281

■ 0.7594, 0.2441,  
0.3294

■ 92.0963, 0.3003,  
0.3290

■ 92.0963, 0.3003,  
0.3290

■ 88.2538, 0.2856,  
0.3290

■ 96.5397, 0.3158,  
0.3290

■ 84.9755, 0.2720,  
0.3290


■ 96.5490, 0.3158,  
0.3290


■ 82.2384, 0.2598,  
0.3291

■ 96.5521, 0.3158,  
0.3289

■ 80.0133, 0.2493,  
0.3291


■ 96.5551, 0.3158,  
0.3289

 78.2683, 0.2406,  
0.3291


 96.5582, 0.3157,  
0.3288

 76.9682, 0.2339,  
0.3292

 96.5612, 0.3157,  
0.3288

 76.0725, 0.2292,  
0.3292

 96.5643, 0.3157,  
0.3287

 75.5339, 0.2263,  
0.3293

 96.5674, 0.3157,  
0.3287

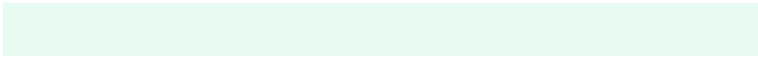
 75.2875, 0.2250,  
0.3293

 96.5704, 0.3156,  
0.3286

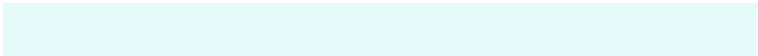
# Harmonies

## Analogous

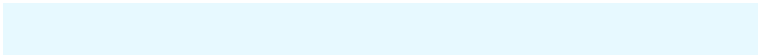
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0963, 0.3060, 0.3358



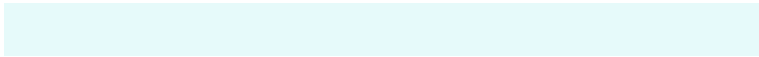
92.0963, 0.3003, 0.3290



92.0963, 0.2979, 0.3223

# Triad

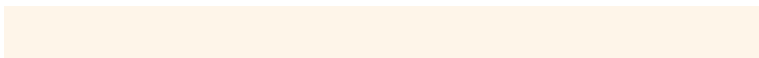
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0963, 0.3003, 0.3290



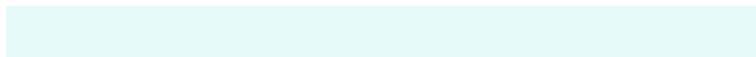
92.0963, 0.3117, 0.3177



92.0963, 0.3262, 0.3404

# Complementary

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



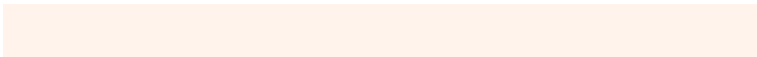
92.0963, 0.3003, 0.3290



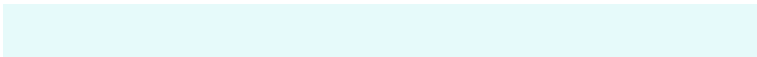
82.6149, 0.3266, 0.3290

# 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.



92.0963, 0.3278, 0.3354



92.0963, 0.3003, 0.3290



92.0963, 0.3194, 0.3224

# Square

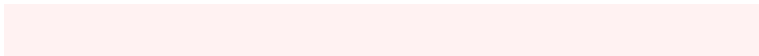
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0963, 0.3003, 0.3290



92.0963, 0.3044, 0.3159



92.0963, 0.3253, 0.3288

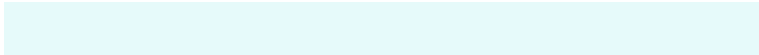


92.0963, 0.3210, 0.3424

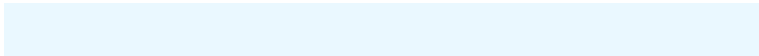


# Rectangle

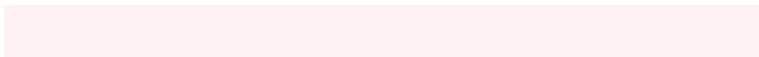
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



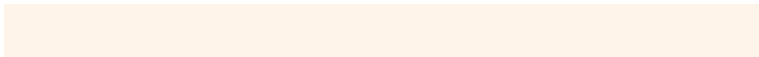
92.0963, 0.3003, 0.3290



92.0963, 0.2984, 0.3188



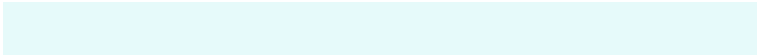
92.0963, 0.3253, 0.3288



92.0963, 0.3272, 0.3390

# Sweetspot

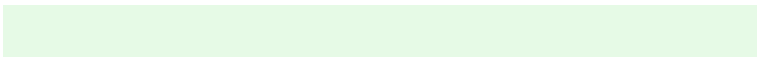
The Sweet Spot groups the original color and five complimentary colors.



92.1002, 0.3003, 0.3290



99.0449, 0.3096, 0.3290



90.9659, 0.3120, 0.3495



21.2097, 0.3097, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

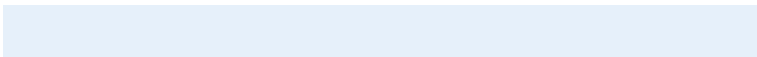
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1002, 0.3003, 0.3290



95.4772, 0.2973, 0.3290



86.2325, 0.3003, 0.3192



19.6080, 0.2981, 0.3290



39.9115, 0.2248, 0.3293

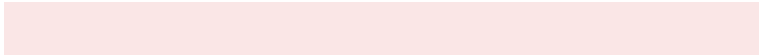


3.6967, 0.2248, 0.3293



# Inverse Universe

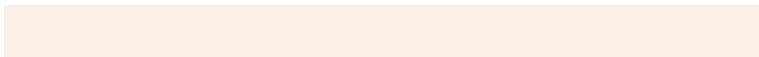
The Inverse Universe completely reimagines the original color for something new.



82.6149, 0.3266, 0.3290



83.2636, 0.3304, 0.3290



88.1570, 0.3256, 0.3387



17.2258, 0.3294, 0.3290



10.7813, 0.6399, 0.3299

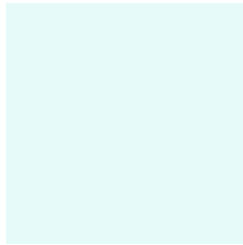


0.9987, 0.6394, 0.3296



# Previews

## White Background



This preview shows how the Yxy color 92.0963, 0.3003, 0.3290 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

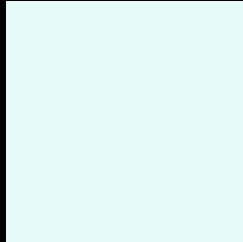
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.0963, 0.3003, 0.3290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

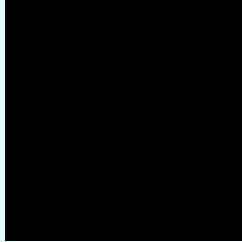
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

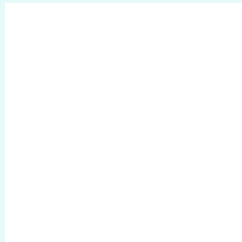
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.0963, 0.3003, 0.3290**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.0963, 0.3003, 0.3290.

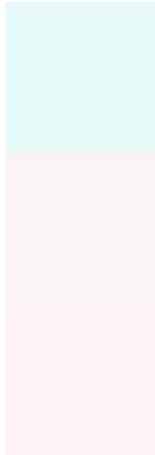


This preview shows how white text looks on a background with the Yxy color 92.0963, 0.3003, 0.3290.

# 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

92.0963, 0.3003, 0.3290

### Protanopia

91.7408, 0.3148, 0.3261

### Deuteranopia

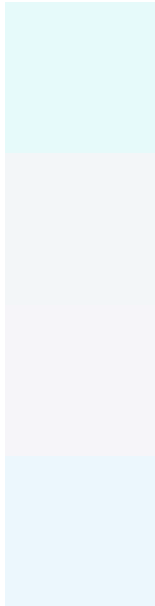
91.6038, 0.3169, 0.3223



## Tritanopia

91.6568, 0.3037, 0.3201

# Trichromacy



## Original Color

92.0963, 0.3003, 0.3290

## Protanomaly

91.7435, 0.3096, 0.3270

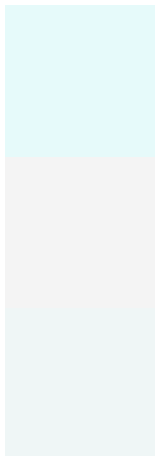
## Deuteranomaly

91.7372, 0.3110, 0.3251

## Tritanomaly

91.4462, 0.3023, 0.3230

# Monochromacy



## Original Color

92.0963, 0.3003, 0.3290

## Achromatopsia

90.4661, 0.3127, 0.3290

## Achromatomaly

90.9161, 0.3083, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.0963, 0.3003, 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(230, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 250, 250) }
```

## Border

The CSS property to change the border of an element to Yxy 92.0963, 0.3003, 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(230, 250, 250) }
```

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

```
.border{ border-color:rgb(230, 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(230, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(230, 250,  
250) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.0963, 0.3003, 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(230, 250, 250) }
```

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

```
.background{ background-color: rgb(230,  
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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