

# Converting Colors

Yxy(91.8851, 0.3086, 0.3350)

Have a look what the booklet for  
Yxy(91.8851, 0.3086, 0.3350)  
contains.

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# Color

**Yxy(92.2270, 0.3087, 0.3350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDF9F3
RGB	237, 249, 243
RGB Percent	93%, 98%, 95%
CMY	0.0704, 0.0235, 0.0472
CMYK	0.05, 0.00, 0.02, 0.02
HSL	150°, 50%, 95%
HSV	150°, 5%, 98%
XYZ	84.9865, 92.2270, 98.0910
YIQ	244.7280, -5.2260, -4.4100

# Conversions

## Conversions Part 2

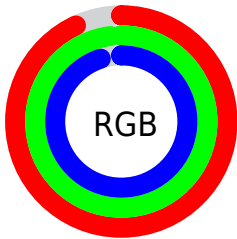
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 245, 249
Decimal	15596019
CIE Lab	96.91, -5.00, 1.52
CIE LCh	97, 5.222, 163.118
Yxy	92.2270, 0.3087, 0.3350
Android (android.graphics.Color)	4293786099 (0xFFEDF9F3)
YUV	244.7280, -0.8519, -6.7775
Hunter-Lab	96.0349, -10.0967, 6.6650

# Details

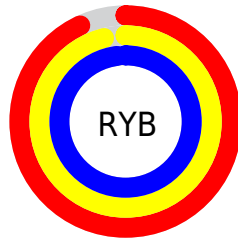
The Yxy color 92.2270, 0.3087, 0.3350 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.2118, 0.3169, 0.3231, and the grayscale version is 91.0976, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5515, 0.3076, 0.3367 is the 20% darker color. If you saturate the color by 10%, you get 87.5042, 0.3004, 0.3486, and if you desaturate by 10%, it is 96.2286, 0.3130, 0.3233.

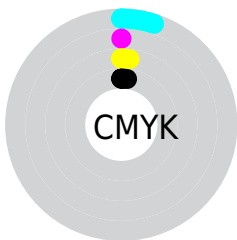
# Distribution



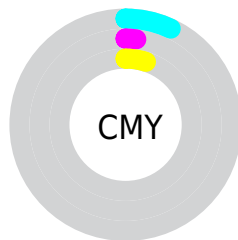
- Red (93%)
- Green (98%)
- Blue (95%)



- Red (93%)
- Yellow (96%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)




- Cyan (7%)
- Magenta (2%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.2270, 0.3087, 0.3350 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 92.2270, 0.3087, 0.3350 by changing the saturation by 10% instead.



 92.2270, 0.3087,  
0.3350

 92.2270, 0.3087,  
0.3350


535.2489, 0.3105,  
0.3323

 69.8292, 0.3083,  
0.3356


150.4280, 0.3093,  
0.3341

 51.3873, 0.3078,  
0.3363


186.9999, 0.3095,  
0.3337

 36.5169, 0.3072,  
0.3372


229.0654, 0.3098,  
0.3334

 24.8337, 0.3065,  
0.3383

277.0087, 0.3099,  
0.3332

 15.9532, 0.3055,  
0.3398

331.2143, 0.3101,  
0.3329

 9.4910, 0.3041,  
0.3419

392.0666, 0.3102,

 5.0628, 0.3020,

0.3327

0.3450

459.9500, 0.3104,  
0.3325

■ 2.2842, 0.2987,  
0.3500

■ 0.7653, 0.2886,  
0.3648

■ 92.2270, 0.3087,  
0.3350

■ 92.2270, 0.3087,  
0.3350

■ 87.5042, 0.3004,  
0.3486

■ 96.2286, 0.3130,  
0.3233

■ 83.3991, 0.2925,  
0.3638

■ 79.8886, 0.2852,  
0.3804

■ 76.9434, 0.2789,  
0.3984

■ 74.5318, 0.2739,  
0.4176

■ 72.6190, 0.2704,  
0.4374

■ 71.1654, 0.2689,  
0.4575

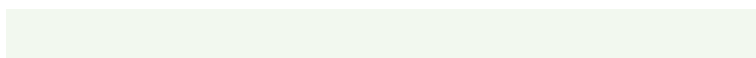
■ 70.1256, 0.2694,  
0.4772

■ 69.4436, 0.2719,  
0.4960

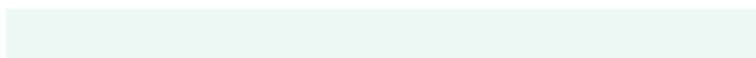
# Harmonies

## Analogous

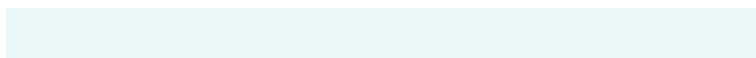
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2270, 0.3145, 0.3383



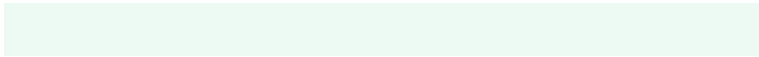
92.2270, 0.3087, 0.3350



92.2270, 0.3040, 0.3301

# Triad

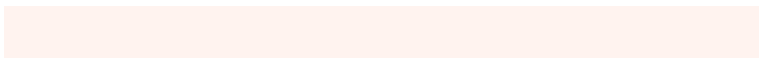
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2270, 0.3087, 0.3350



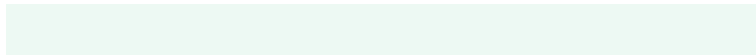
92.2270, 0.3055, 0.3191



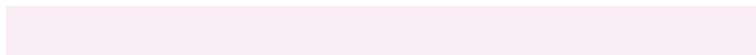
92.2270, 0.3240, 0.3330

# Complementary

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



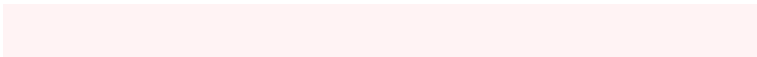
92.2270, 0.3087, 0.3350



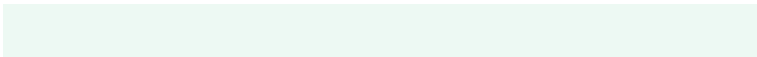
87.2118, 0.3169, 0.3231

# Split Complementary

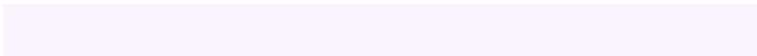
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2270, 0.3215, 0.3279



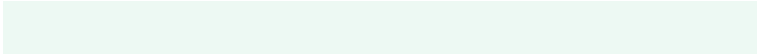
92.2270, 0.3087, 0.3350



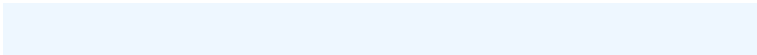
92.2270, 0.3108, 0.3199

# Square

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



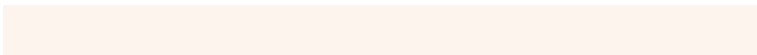
92.2270, 0.3087, 0.3350



92.2270, 0.3021, 0.3209



92.2270, 0.3167, 0.3232

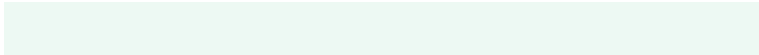


92.2270, 0.3234, 0.3371

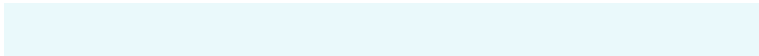


# Rectangle

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



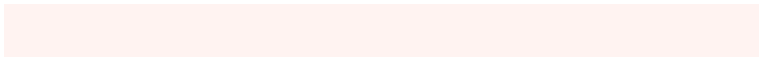
92.2270, 0.3087, 0.3350



92.2270, 0.3021, 0.3265



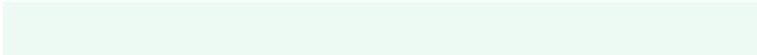
92.2270, 0.3167, 0.3232



92.2270, 0.3235, 0.3313

# Sweetspot

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



92.2309, 0.3087, 0.3350



99.4370, 0.3119, 0.3302



92.9601, 0.3161, 0.3409



21.2895, 0.3119, 0.3302



0.0000, 0.0000, 0.0000

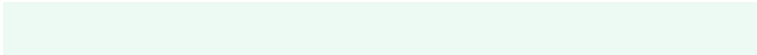


21.4041, 0.3127, 0.3290



# Same Dimension

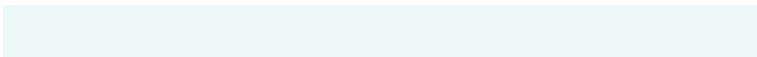
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2309, 0.3087, 0.3350



96.7256, 0.3077, 0.3366



92.5886, 0.3053, 0.3292



19.7507, 0.3072, 0.3374



37.0657, 0.2729, 0.5025



3.4543, 0.2668, 0.4805



# Inverse Universe

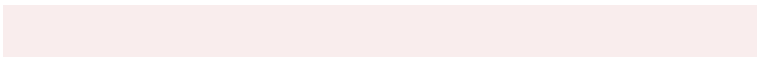
The Inverse Universe completely reimagines the original color for something new.



87.2118, 0.3169, 0.3231



90.1449, 0.3181, 0.3216



86.8652, 0.3206, 0.3288



18.2650, 0.3187, 0.3207



11.6101, 0.4944, 0.2497

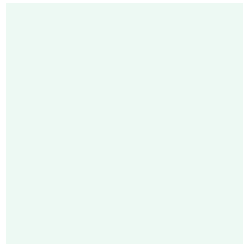


1.0967, 0.4680, 0.2352



# Previews

## White Background



This preview shows how the Yxy color 92.2270, 0.3087, 0.3350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

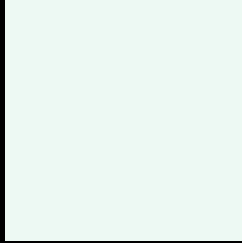
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.2270, 0.3087, 0.3350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

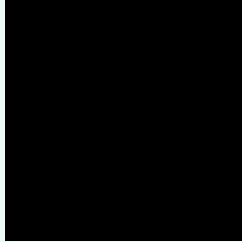
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

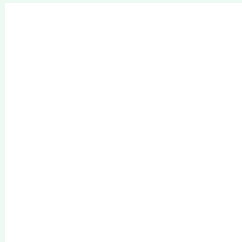
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.2270, 0.3087, 0.3350**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.2270, 0.3087, 0.3350.

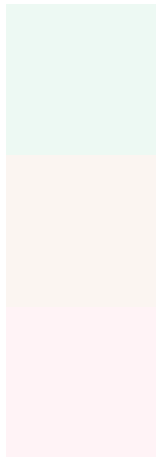


This preview shows how white text looks on a background with the Yxy color 92.2270, 0.3087, 0.3350.

# 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

92.2270, 0.3087, 0.3350

### Protanopia

92.1649, 0.3190, 0.3329

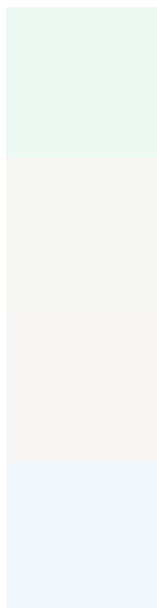
### Deuteranopia

92.0150, 0.3187, 0.3261

## **Tritanopia**

92.3646, 0.3062, 0.3202

# Trichromacy



## Original Color

92.2270, 0.3087, 0.3350

## Protanomaly

91.9152, 0.3151, 0.3329

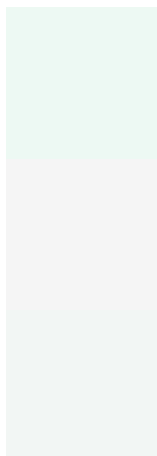
## Deuteranomaly

91.8538, 0.3146, 0.3290

## Tritanomaly

92.1873, 0.3066, 0.3250

# Monochromacy



## Original Color

92.2270, 0.3087, 0.3350

## Achromatopsia

91.3099, 0.3127, 0.3290

## Achromatomaly

91.3204, 0.3113, 0.3310

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.2270, 0.3087, 0.3350 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(237, 249, 243)` looks like.

```
.text, #text, p{  
    color:rgb(237, 249, 243)  
}
```

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(237, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 249, 243) }
```

## Border

The CSS property to change the border of an element to Yxy 92.2270, 0.3087, 0.3350 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(237, 249, 243) }
```

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

```
.border{ border-color:rgb(237, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(237, 249,  
243) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.2270, 0.3087, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 249, 243) }
```

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

```
.background{ background-color: rgb(237,  
249, 243) }
```

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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