

# Converting Colors

Yxy(88.4754, 0.3133, 0.3330)

Have a look what the booklet for  
Yxy(88.4754, 0.3133, 0.3330)  
contains.

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# Color

**Yxy(88.8584, 0.3132, 0.3330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F3EF
RGB	240, 243, 239
RGB Percent	94%, 95%, 94%
CMY	0.0587, 0.0471, 0.0627
CMYK	0.01, 0.00, 0.02, 0.05
HSL	104°, 14%, 95%
HSV	104°, 2%, 95%
XYZ	83.5749, 88.8584, 94.4087
YIQ	241.6470, -0.5040, -1.8800

# Conversions

## Conversions Part 2

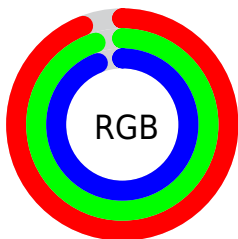
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 243, 242
Decimal	15791087
CIE Lab	95.52, -1.68, 1.56
CIE LCh	96, 2.296, 137.030
Yxy	88.8584, 0.3132, 0.3330
Android (android.graphics.Color)	4293981167 (0xFF0F3EF)
YUV	241.6470, -1.3050, -1.4444
Hunter-Lab	94.2647, -6.7055, 6.6048

# Details

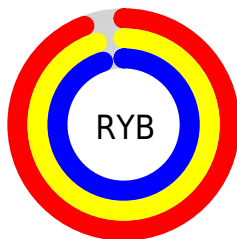
The Yxy color **88.8584, 0.3132, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.0756, 0.3122, 0.3250**, and the grayscale version is **88.5168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1499, 0.3133, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **84.5245, 0.3161, 0.3590**, and if you desaturate by 10%, it is **92.5782, 0.3133, 0.3175**.

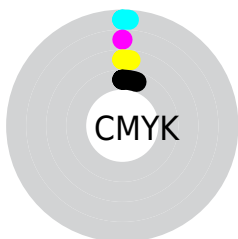
# Distribution



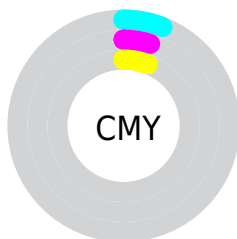
- Red (94%)
- Green (95%)
- Blue (94%)



- Red (94%)
- Yellow (95%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)




- Cyan (6%)
- Magenta (5%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8584, 0.3132, 0.3330 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 88.8584, 0.3132, 0.3330 by changing the saturation by 10% instead.




 88.8584, 0.3132,  
0.3330

 88.8584, 0.3132,  
0.3330

524.3102, 0.3130,  
0.3312

 67.0342, 0.3132,  
0.3334


145.7516, 0.3131,  
0.3324

 49.1124, 0.3133,  
0.3339


181.5895, 0.3131,  
0.3322

 34.7087, 0.3134,  
0.3345


222.8673, 0.3131,  
0.3319

 23.4385, 0.3135,  
0.3352

269.9695, 0.3131,  
0.3318

 14.9177, 0.3136,  
0.3363

323.2805, 0.3130,  
0.3316

 8.7616, 0.3137,  
0.3377

383.1847, 0.3130,

 4.5860, 0.3140,

0.3315

450.0665, 0.3130,  
0.3313

0.3398

■ 2.0065, 0.3143,  
0.3433

■ 0.6112, 0.3163,  
0.3580

■ 88.8584, 0.3132,  
0.3330

■ 88.8584, 0.3132,  
0.3330

■ 84.5245, 0.3161,  
0.3590

■ 92.5782, 0.3133,  
0.3175

■ 80.6758, 0.3187,  
0.3879

■ 77.2984, 0.3210,  
0.4191

■ 74.3736, 0.3226,  
0.4521

■ 71.8813, 0.3233,  
0.4854

■ 69.8000, 0.3228,  
0.5173

■ 68.1059, 0.3210,  
0.5456

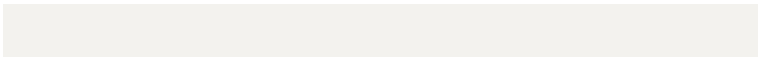
■ 66.7728, 0.3179,  
0.5684

■ 65.7705, 0.3137,  
0.5841

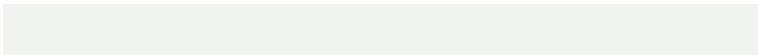
# Harmonies

## Analogous

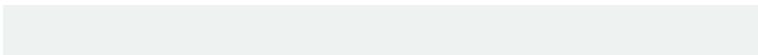
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8584, 0.3157, 0.3335



88.8584, 0.3132, 0.3330



88.8584, 0.3106, 0.3314

# Triad

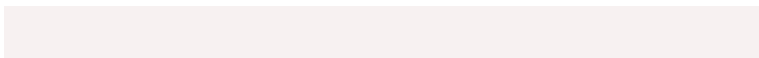
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8584, 0.3132, 0.3330



88.8584, 0.3081, 0.3252



88.8584, 0.3169, 0.3288

# Complementary

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



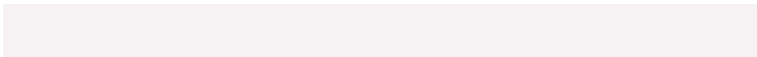
88.8584, 0.3132, 0.3330



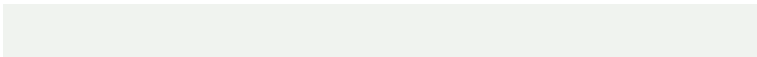
87.0756, 0.3122, 0.3250

# Split Complementary

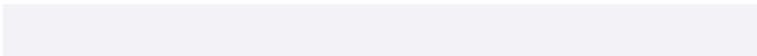
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8584, 0.3148, 0.3266



88.8584, 0.3132, 0.3330



88.8584, 0.3098, 0.3246

# Square

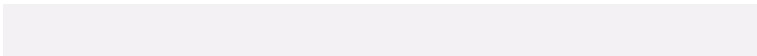
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



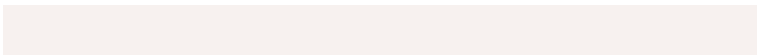
88.8584, 0.3132, 0.3330



88.8584, 0.3077, 0.3269



88.8584, 0.3122, 0.3251



88.8584, 0.3178, 0.3311



# Rectangle

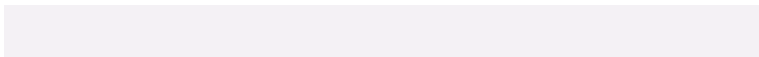
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



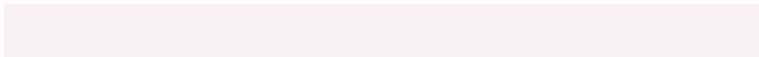
88.8584, 0.3132, 0.3330



88.8584, 0.3092, 0.3300



88.8584, 0.3122, 0.3251



88.8584, 0.3163, 0.3281

# Sweetspot

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



88.8622, 0.3132, 0.3330

100.0000, 0.3127, 0.3290



88.7488, 0.3152, 0.3319



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

# Same Dimension

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



88.8622, 0.3132, 0.3330



98.9663, 0.3133, 0.3339



88.7368, 0.3120, 0.3321



19.4075, 0.3133, 0.3336



35.8154, 0.3108, 0.5914



3.1953, 0.3195, 0.5845



# Inverse Universe

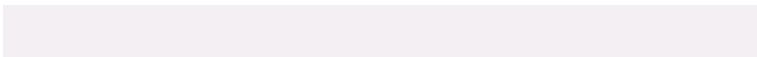
The Inverse Universe completely reimagines the original color for something new.



87.0756, 0.3122, 0.3250



96.5392, 0.3121, 0.3241



87.2031, 0.3135, 0.3260



18.9570, 0.3121, 0.3244



8.9467, 0.2561, 0.1184

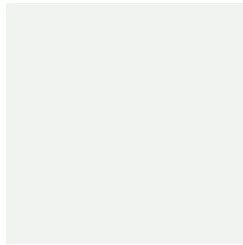


0.8355, 0.2645, 0.1231



# Previews

## White Background



This preview shows how the Yxy color 88.8584, 0.3132, 0.3330 looks on a white background.

## Color Contrast Check

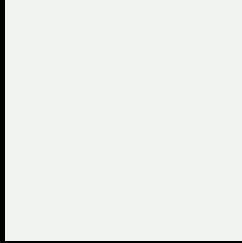
Large Text (above 18pt) WCAG AA × Fail

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 88.8584, 0.3132, 0.3330 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

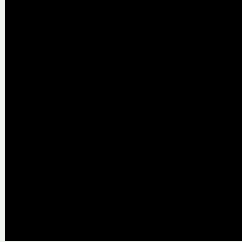
Any Text WCAG AAA ✓ Pass

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

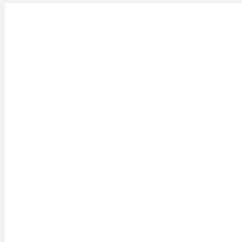


**Yxy 88.8584, 0.3132, 0.3330**

## **Background**



This preview shows how black text looks on a background with the Yxy color 88.8584, 0.3132, 0.3330.

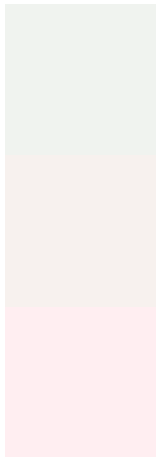


This preview shows how white text looks on a background with the Yxy color 88.8584, 0.3132, 0.3330.

# 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

88.8584, 0.3132, 0.3330

### Protanopia

88.8578, 0.3185, 0.3320

### Deuteranopia

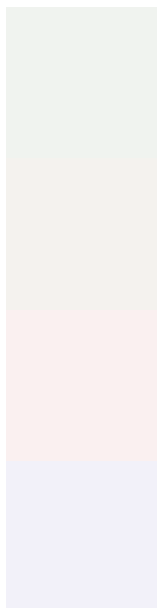
88.7599, 0.3222, 0.3261



## Tritanopia

88.5949, 0.3056, 0.3142

# Trichromacy



## Original Color

88.8584, 0.3132, 0.3330

## Protanomaly

88.9104, 0.3165, 0.3330

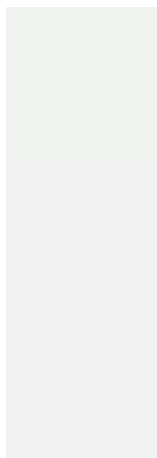
## Deuteranomaly

88.9354, 0.3193, 0.3290

## Tritanomaly

88.6274, 0.3086, 0.3211

# Monochromacy



## Original Color

88.8584, 0.3132, 0.3330

## Achromatopsia

88.7923, 0.3127, 0.3290

## Achromatomaly

88.5559, 0.3127, 0.3300

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 88.8584, 0.3132, 0.3330 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(240, 243, 239) looks like.

```
.text, #text, p{  
    color:rgb(240, 243, 239)  
}
```

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(240, 243, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 243, 239) }
```

## Border

The CSS property to change the border of an element to Yxy 88.8584, 0.3132, 0.3330 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(240, 243, 239) }
```

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

```
.border{ border-color:rgb(240, 243, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 243, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 243, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 243, 239); box-shadow:4px 4px 4px 4px rgb(240, 243, 239) }
```

# Background

The CSS property to change the background color of an element to Yxy 88.8584, 0.3132, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 243, 239) }
```

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

```
.background{ background-color: rgb(240,  
243, 239) }
```

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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