

# Converting Colors

Yxy(88.4246, 0.3226, 0.3354)

Have a look what the booklet for  
Yxy(88.4246, 0.3226, 0.3354)  
contains.

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# Color

**Yxy(88.4004, 0.3224, 0.3350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F0EA
RGB	249, 240, 234
RGB Percent	98%, 94%, 92%
CMY	0.0235, 0.0588, 0.0824
CMYK	0.00, 0.04, 0.06, 0.02
HSL	24°, 56%, 95%
HSV	24°, 6%, 98%
XYZ	85.0755, 88.4004, 90.4059
YIQ	242.0070, 7.2900, 0.0420

# Conversions

## Conversions Part 2

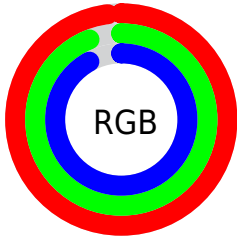
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 244, 234
Decimal	16380138
CIE Lab	95.33, 2.00, 3.97
CIE LCh	95, 4.443, 63.282
Yxy	88.4004, 0.3224, 0.3350
Android (android.graphics.Color)	4294570218 (0xFFFF9F0EA)
YUV	242.0070, -3.9475, 6.1329
Hunter-Lab	94.0215, -3.0216, 8.8050

# Details

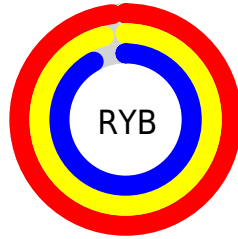
The Yxy color 88.4004, 0.3224, 0.3350 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4137, 0.3034, 0.3229, and the grayscale version is 88.8279, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.8328, 0.3252, 0.3366 is the 20% darker color. If you saturate the color by 10%, you get 78.6522, 0.3406, 0.3455, and if you desaturate by 10%, it is 98.8260, 0.3090, 0.3289.

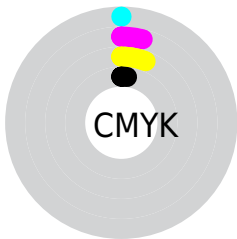
# Distribution



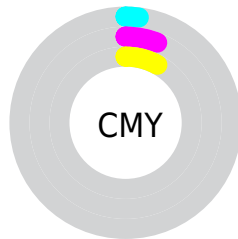
- Red (98%)
- Green (94%)
- Blue (92%)



- Red (98%)
- Yellow (96%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (6%)
- Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4004, 0.3224, 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 88.4004, 0.3224, 0.3350 by changing the saturation by 10% instead.




 88.4004, 0.3224,  
0.3350

 88.4004, 0.3224,  
0.3350

522.8136, 0.3181,  
0.3323

 66.6547, 0.3234,  
0.3356


145.1145, 0.3209,  
0.3341

 48.8041, 0.3245,  
0.3363


180.8516, 0.3203,  
0.3337

 34.4641, 0.3260,  
0.3372


222.0214, 0.3198,  
0.3334

 23.2504, 0.3279,  
0.3383

269.0083, 0.3194,  
0.3332

 14.7785, 0.3303,  
0.3398

322.1965, 0.3190,  
0.3329

 8.6641, 0.3338,  
0.3418

381.9705, 0.3187,

 4.5227, 0.3389,

0.3327

0.3449

448.7147, 0.3183,  
0.3325

■ 1.9701, 0.3474,  
0.3497

■ 0.5900, 0.3896,  
0.3771

■ 88.4004, 0.3224,  
0.3350

■ 88.4004, 0.3224,  
0.3350

■ 78.6522, 0.3406,  
0.3455

■ 98.8260, 0.3090,  
0.3289

■ 69.7968, 0.3617,  
0.3564

■ 98.8796, 0.3090,  
0.3290

■ 61.8112, 0.3861,  
0.3675

■ 54.6672, 0.4136,  
0.3782

■ 48.3348, 0.4441,  
0.3875

■ 42.7820, 0.4763,  
0.3943

■ 37.9742, 0.5087,  
0.3972

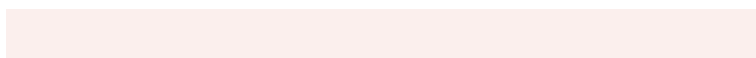
■ 33.8735, 0.5386,  
0.3951

■ 30.4367, 0.5637,  
0.3876

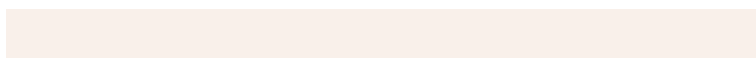
# Harmonies

## Analogous

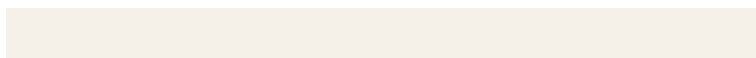
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4004, 0.3220, 0.3311



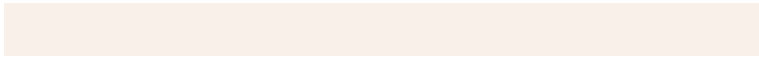
88.4004, 0.3224, 0.3350



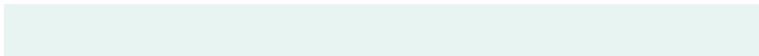
88.4004, 0.3202, 0.3374

# Triad

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



88.4004, 0.3224, 0.3350



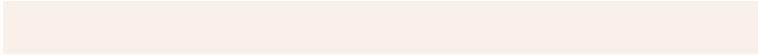
88.4004, 0.3063, 0.3314



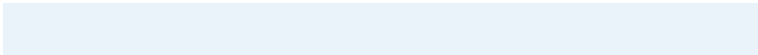
88.4004, 0.3095, 0.3207

# Complementary

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



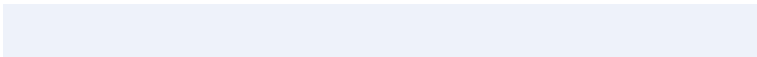
88.4004, 0.3224, 0.3350



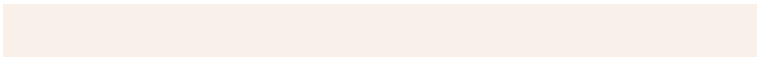
88.4137, 0.3034, 0.3229

# Split Complementary

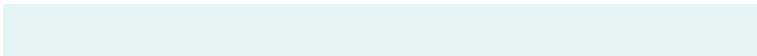
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4004, 0.3053, 0.3207



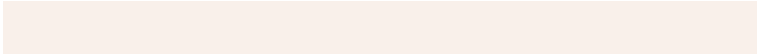
88.4004, 0.3224, 0.3350



88.4004, 0.3035, 0.3269

# Square

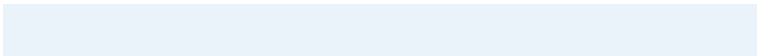
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



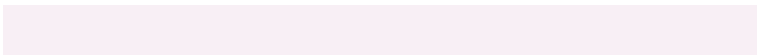
88.4004, 0.3224, 0.3350



88.4004, 0.3109, 0.3353



88.4004, 0.3031, 0.3230

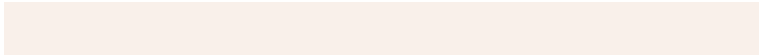


88.4004, 0.3145, 0.3228



# Rectangle

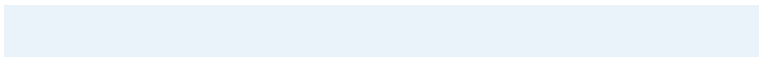
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4004, 0.3224, 0.3350



88.4004, 0.3175, 0.3377



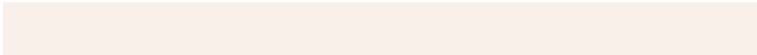
88.4004, 0.3031, 0.3230



88.4004, 0.3079, 0.3204

# Sweetspot

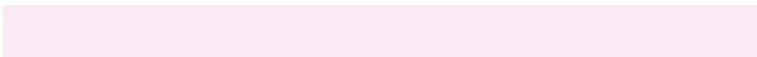
The Sweet Spot groups the original color and five complimentary colors.



88.4043, 0.3224, 0.3350



97.7432, 0.3158, 0.3310



85.4455, 0.3172, 0.3201



20.9448, 0.3157, 0.3309



0.0000, 0.0000, 0.0000

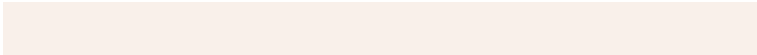


21.4041, 0.3127, 0.3290

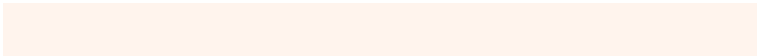


# Same Dimension

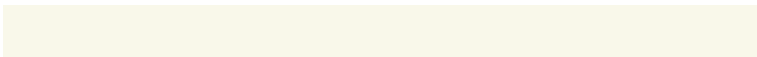
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4043, 0.3224, 0.3350



92.2733, 0.3241, 0.3360



92.9054, 0.3218, 0.3423



18.7784, 0.3251, 0.3366



15.9118, 0.5695, 0.3860

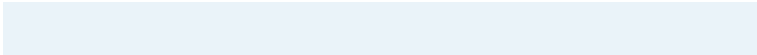


1.6751, 0.5477, 0.4033

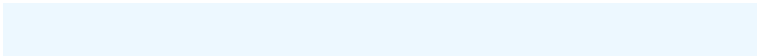


# Inverse Universe

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



88.4137, 0.3034, 0.3229



92.2848, 0.3019, 0.3219



84.0228, 0.3035, 0.3153



18.7809, 0.3010, 0.3213



15.4654, 0.1866, 0.1917

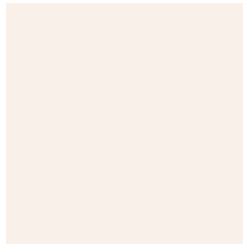


1.6399, 0.1916, 0.2097



# Previews

## White Background



This preview shows how the Yxy color 88.4004, 0.3224, 0.3350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

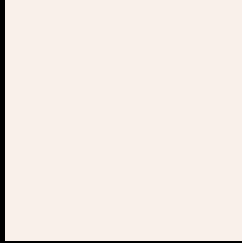
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 88.4004, 0.3224, 0.3350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

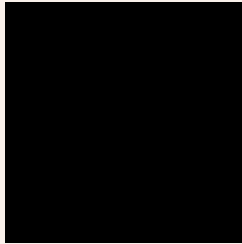
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

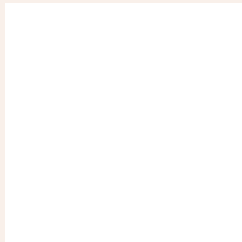
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 88.4004, 0.3224, 0.3350**

## **Background**



This preview shows how black text looks on a background with the Yxy color 88.4004, 0.3224, 0.3350.

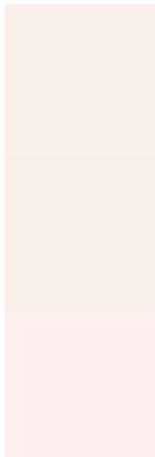


This preview shows how white text looks on a background with the Yxy color 88.4004, 0.3224, 0.3350.

# 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

88.4004, 0.3224, 0.3350

### Protanopia

88.0348, 0.3210, 0.3350

### Deuteranopia

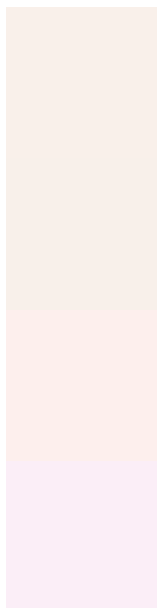
88.5821, 0.3241, 0.3290



## Tritanopia

88.4838, 0.3116, 0.3116

# Trichromacy



## Original Color

88.4004, 0.3224, 0.3350

## Protanomaly

88.2171, 0.3217, 0.3350

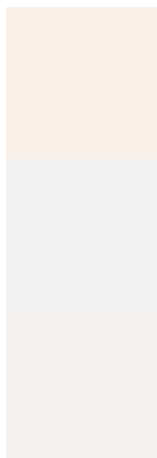
## Deuteranomaly

88.7301, 0.3233, 0.3310

## Tritanomaly

88.3737, 0.3158, 0.3202

# Monochromacy



## Original Color

88.4004, 0.3224, 0.3350

## Achromatopsia

88.7923, 0.3127, 0.3290

## Achromatomaly

88.5551, 0.3166, 0.3310

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 88.4004, 0.3224, 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(249, 240, 234) looks like.

```
.text, #text, p{  
    color:rgb(249, 240, 234)  
}
```

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(249, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 240, 234) }
```

## Border

The CSS property to change the border of an element to Yxy 88.4004, 0.3224, 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(249, 240, 234) }
```

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

```
.border{ border-color:rgb(249, 240, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 240, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(249, 240,  
234) }
```



# Background

The CSS property to change the background color of an element to Yxy 88.4004, 0.3224, 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(249, 240, 234) }
```

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

```
.background{ background-color: rgb(249,  
240, 234) }
```

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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