

# Converting Colors

Yxy(88.4706, 0.3285, 0.3403)

Have a look what the booklet for  
Yxy(88.4706, 0.3285, 0.3403)  
contains.

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# Color

**Yxy(88.8043, 0.3289, 0.3409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDF0E4
RGB	253, 240, 228
RGB Percent	99%, 94%, 89%
CMY	0.0077, 0.0588, 0.1059
CMYK	0.00, 0.05, 0.10, 0.01
HSL	29°, 86%, 94%
HSV	29°, 10%, 99%
XYZ	85.6783, 88.8043, 86.0170
YIQ	242.5190, 11.6000, -0.9760

# Conversions

## Conversions Part 2

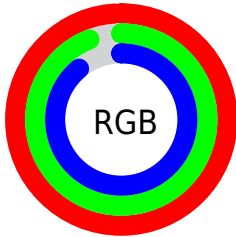
Format	Color
<b>RYB</b>	253, 251, 228
Decimal	16642276
CIELab	95.50, 2.40, 7.35
CIELCh	95, 7.735, 71.901
Yxy	88.8043, 0.3289, 0.3409
Android (android.graphics.Color)	4294832356 (0xFFFD0E4)
YUV	242.5190, -7.1579, 9.1918
Hunter-Lab	94.2360, -2.6229, 11.8464

# Details

The Yxy color **88.8043, 0.3289, 0.3409** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.5109, 0.2973, 0.3168**, and the grayscale version is **89.2815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0339, 0.3319, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **80.0295, 0.3477, 0.3536**, and if you desaturate by 10%, it is **98.3553, 0.3126, 0.3289**.

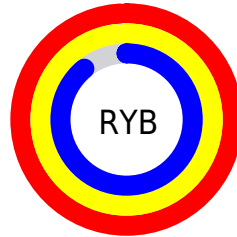
# Distribution



Red (99%)

Green (94%)

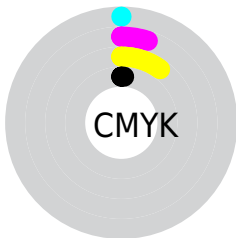
Blue (89%)



Red (99%)

Yellow (98%)

Blue (89%)

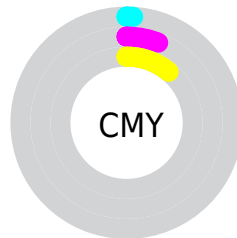


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (6%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8043, 0.3289, 0.3409 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 88.8043, 0.3289, 0.3409 by changing the saturation by 10% instead.



 88.8043, 0.3289,  
0.3409

 88.8043, 0.3289,  
0.3409


524.1336, 0.3217,  
0.3356

 66.9894, 0.3305,  
0.3421


145.6764, 0.3264,  
0.3391

 49.0760, 0.3325,  
0.3435

181.5023, 0.3255,  
0.3384

 34.6798, 0.3349,  
0.3452


222.7674, 0.3246,  
0.3378

 23.4163, 0.3380,  
0.3474

269.8560, 0.3239,  
0.3372

 14.9012, 0.3421,  
0.3504

323.1526, 0.3232,  
0.3368

 8.7501, 0.3479,  
0.3544

383.0414, 0.3226,

 4.5785, 0.3564,

0.3363

0.3603

449.9069, 0.3221,  
0.3360

■ 2.0022, 0.3703,  
0.3696

■ 0.6087, 0.4569,  
0.4365

■ 88.8043, 0.3289,  
0.3409

■ 88.8043, 0.3289,  
0.3409

■ 80.0295, 0.3477,  
0.3536

■ 98.3553, 0.3126,  
0.3289

■ 71.9985, 0.3690,  
0.3667

■ 99.6282, 0.3115,  
0.3290

■ 64.6934, 0.3931,  
0.3798

■ 58.0911, 0.4195,  
0.3920

■ 52.1672, 0.4477,  
0.4023

■ 46.8952, 0.4766,  
0.4095

■ 42.2465, 0.5043,  
0.4123

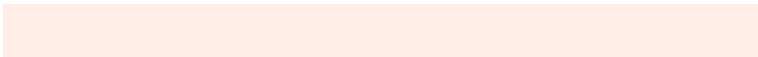
■ 38.1887, 0.5290,  
0.4096

■ 34.6783, 0.5494,  
0.4019

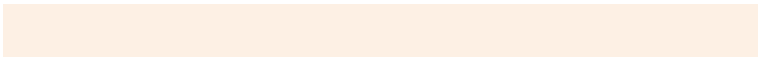
# Harmonies

## Analogous

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



88.8043, 0.3296, 0.3346



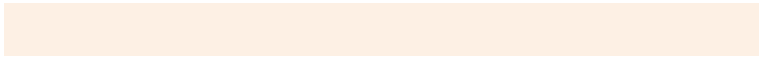
88.8043, 0.3289, 0.3409



88.8043, 0.3238, 0.3441

# Triad

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



88.8043, 0.3289, 0.3409



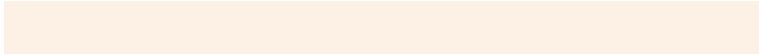
88.8043, 0.2998, 0.3309



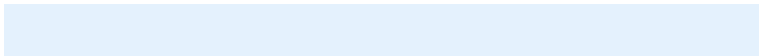
88.8043, 0.3095, 0.3154

# Complementary

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



88.8043, 0.3289, 0.3409



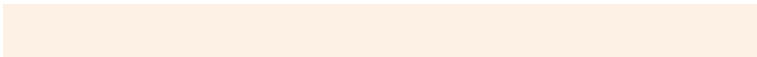
86.5109, 0.2973, 0.3168

# Split Complementary

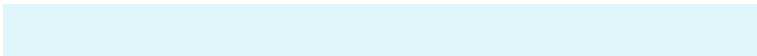
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8043, 0.3016, 0.3142



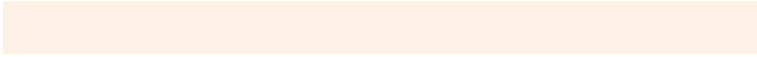
88.8043, 0.3289, 0.3409



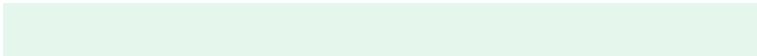
88.8043, 0.2961, 0.3230

# Square

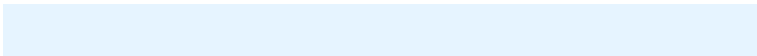
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8043, 0.3289, 0.3409



88.8043, 0.3070, 0.3383



88.8043, 0.2968, 0.3170

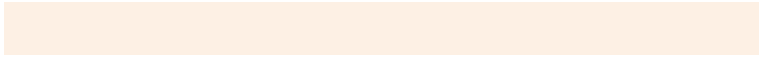


88.8043, 0.3183, 0.3200



# Rectangle

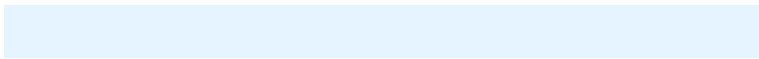
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8043, 0.3289, 0.3409



88.8043, 0.3186, 0.3439



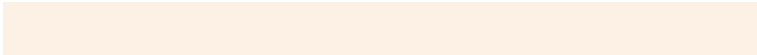
88.8043, 0.2968, 0.3170



88.8043, 0.3067, 0.3145

# Sweetspot

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



88.8082, 0.3289, 0.3409



97.0028, 0.3174, 0.3325



82.7422, 0.3214, 0.3159



20.5937, 0.3187, 0.3335



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

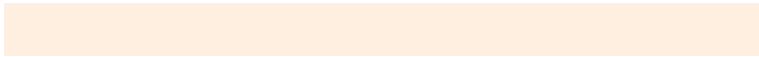


# Same Dimension

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



88.8082, 0.3289, 0.3409



88.4395, 0.3326, 0.3435



96.2325, 0.3276, 0.3527



19.4243, 0.3282, 0.3404



18.7127, 0.5471, 0.4038

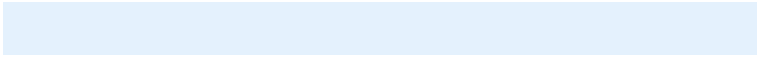


2.0393, 0.5287, 0.4184

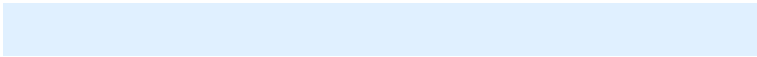


# Inverse Universe

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



86.5109, 0.2973, 0.3168



85.6440, 0.2940, 0.3140



79.5292, 0.2972, 0.3042



18.9421, 0.2979, 0.3173



12.7993, 0.1790, 0.1643

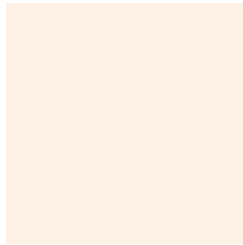


1.4651, 0.1845, 0.1843



# Previews

## White Background



This preview shows how the Yxy color 88.8043, 0.3289, 0.3409 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

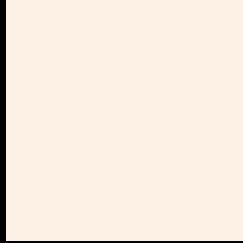
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 88.8043, 0.3289, 0.3409 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

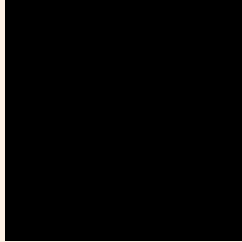
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 88.8043, 0.3289, 0.3409**

## **Background**



This preview shows how black text looks on a background with the Yxy color 88.8043, 0.3289, 0.3409.

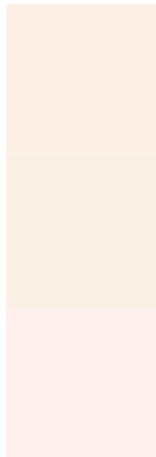


This preview shows how white text looks on a background with the Yxy color 88.8043, 0.3289, 0.3409.

# 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

88.8043, 0.3289, 0.3409

### Protanopia

88.8917, 0.3261, 0.3409

### Deuteranopia

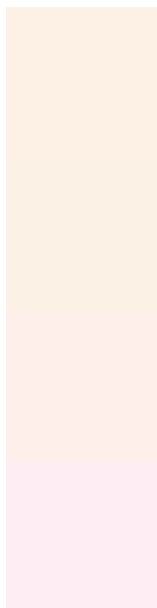
89.1074, 0.3246, 0.3310



## Tritanopia

88.9202, 0.3148, 0.3136

# Trichromacy



## Original Color

88.8043, 0.3289, 0.3409

## Protanomaly

89.0770, 0.3268, 0.3409

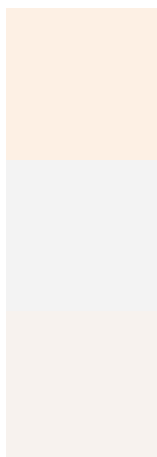
## Deuteranomaly

88.7443, 0.3258, 0.3339

## Tritanomaly

88.7516, 0.3196, 0.3232

# Monochromacy



## Original Color

88.8043, 0.3289, 0.3409

## Achromatopsia

89.6269, 0.3127, 0.3290

## Achromatomaly

89.4515, 0.3184, 0.3330

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 88.8043, 0.3289, 0.3409 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(253, 240, 228)` looks like.

```
.text, #text, p{  
    color:rgb(253, 240, 228)  
}
```

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(253, 240, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 228) }
```

## Border

The CSS property to change the border of an element to Yxy 88.8043, 0.3289, 0.3409 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(253, 240, 228) }
```

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

```
.border{ border-color:rgb(253, 240, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 240, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 228);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
228) }
```



# Background

The CSS property to change the background color of an element to Yxy 88.8043, 0.3289, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 228) }
```

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

```
.background{ background-color: rgb(253,  
240, 228) }
```

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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