

Converting Colors

$Yxy(88.7430, 0.3194, 0.3367)$

Have a look what the booklet for
Yxy(88.7430, 0.3194, 0.3367)
contains.

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Color

Yxy(88.8573, 0.3196, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	F5F2EA
RGB	245, 242, 234
RGB Percent	96%, 95%, 92%
CMY	0.0390, 0.0510, 0.0824
CMYK	0.00, 0.01, 0.05, 0.04
HSL	43°, 36%, 94%
HSV	43°, 5%, 96%
XYZ	84.2694, 88.8573, 90.5448
YIQ	241.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

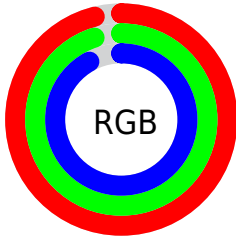
Format	Color
R _Y B	238, 245, 234
Decimal	16118506
CIE Lab	95.52, -0.35, 4.20
CIE LCh	96, 4.217, 94.824
Yxy	88.8573, 0.3196, 0.3370
Android (android.graphics.Color)	4294308586 (0xFF5F2EA)
YUV	241.9850, -3.9366, 2.6442
Hunter-Lab	94.2642, -5.3884, 9.0343

Details

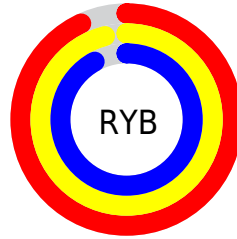
The Yxy color **88.8573, 0.3196, 0.3370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.6789, 0.3058, 0.3209**, and the grayscale version is **88.8162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1510, 0.3215, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **83.5982, 0.3359, 0.3554**, and if you desaturate by 10%, it is **94.2404, 0.3067, 0.3229**.

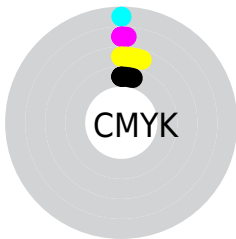
Distribution



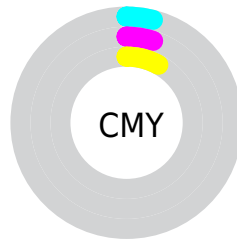
- Red (96%)
- Green (95%)
- Blue (92%)



- Red (93%)
- Yellow (96%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8573, 0.3196, 0.3370 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 88.8573, 0.3196, 0.3370 by changing the saturation by 10% instead.

88.8573, 0.3196,
0.3370

88.8573, 0.3196,
0.3370

524.3066, 0.3165,
0.3334

67.0333, 0.3203,
0.3378

145.7501, 0.3186,
0.3358

49.1117, 0.3211,
0.3387

181.5877, 0.3181,
0.3353

34.7081, 0.3221,
0.3399

222.8653, 0.3178,
0.3349

23.4381, 0.3234,
0.3415

269.9672, 0.3175,
0.3345

14.9173, 0.3252,
0.3435

323.2779, 0.3172,
0.3342

8.7614, 0.3276,
0.3463

383.1818, 0.3169,

4.5859, 0.3312,

0.3339

450.0633, 0.3167,
0.3337

0.3505

■ 2.0064, 0.3370,
0.3574

■ 0.6112, 0.3680,
0.3930

■ 88.8573, 0.3196,
0.3370

■ 88.8573, 0.3196,
0.3370

■ 83.5982, 0.3359,
0.3554

■ 94.2404, 0.3067,
0.3229

■ 78.6693, 0.3536,
0.3744

■ 98.1602, 0.3066,
0.3290

■ 74.0644, 0.3724,
0.3934

■ 69.7726, 0.3919,
0.4118

■ 65.7823, 0.4115,
0.4286

■ 62.0809, 0.4304,
0.4426

■ 58.6543, 0.4477,
0.4528

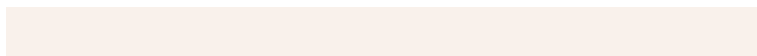
■ 55.4862, 0.4624,
0.4583

■ 52.5572, 0.4741,
0.4589

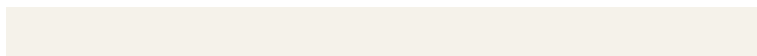
Harmonies

Analogous

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



88.8573, 0.3218, 0.3348



88.8573, 0.3196, 0.3370



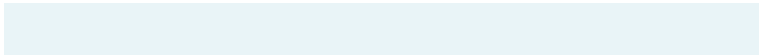
88.8573, 0.3155, 0.3370

Triad

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



88.8573, 0.3196, 0.3370



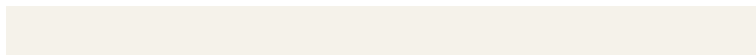
88.8573, 0.3039, 0.3268



88.8573, 0.3147, 0.3233

Complementary

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



88.8573, 0.3196, 0.3370



84.6789, 0.3058, 0.3209

Split Complementary

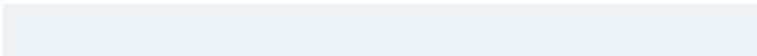
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8573, 0.3099, 0.3212



88.8573, 0.3196, 0.3370



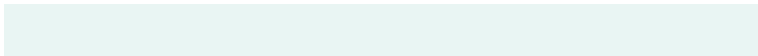
88.8573, 0.3037, 0.3231

Square

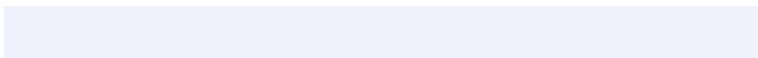
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



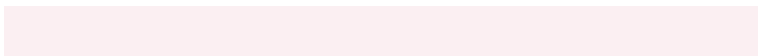
88.8573, 0.3196, 0.3370



88.8573, 0.3065, 0.3311



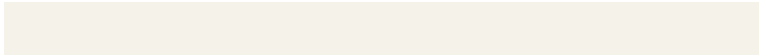
88.8573, 0.3059, 0.3211



88.8573, 0.3190, 0.3270

Rectangle

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



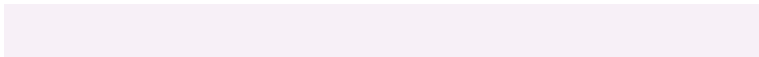
88.8573, 0.3196, 0.3370



88.8573, 0.3123, 0.3358



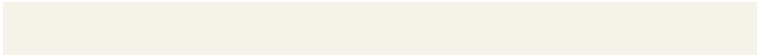
88.8573, 0.3059, 0.3211



88.8573, 0.3131, 0.3224

Sweetspot

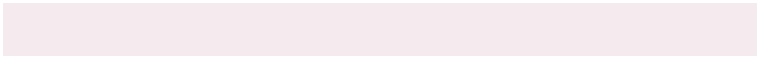
The Sweet Spot groups the original color and five complimentary colors.



88.8612, 0.3196, 0.3370



99.3888, 0.3142, 0.3308



84.3834, 0.3182, 0.3259



21.2797, 0.3141, 0.3307



0.0000, 0.0000, 0.0000



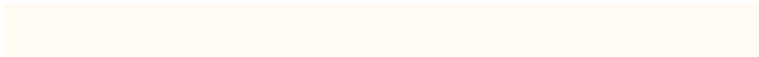
21.4041, 0.3127, 0.3290

Same Dimension

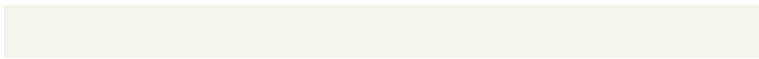
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8612, 0.3196, 0.3370



96.9818, 0.3204, 0.3379



90.2633, 0.3178, 0.3401



18.9289, 0.3215, 0.3391



27.7270, 0.4782, 0.4585



2.6085, 0.4691, 0.4657

Inverse Universe

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



84.6789, 0.3058, 0.3209



91.9119, 0.3051, 0.3199



83.3359, 0.3075, 0.3178



17.8055, 0.3040, 0.3187



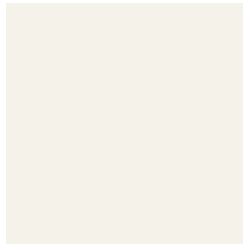
5.9509, 0.1595, 0.0942



0.6881, 0.1661, 0.1181

Previews

White Background



This preview shows how the Yxy color 88.8573, 0.3196, 0.3370 looks on a white background.

Color Contrast Check

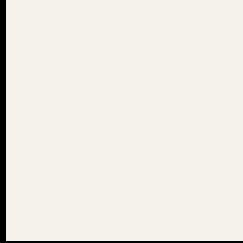
Large Text (above 18pt) WCAG AA × Fail

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 88.8573, 0.3196, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

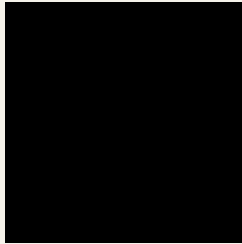
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

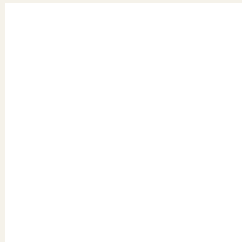
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8573, 0.3196, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 88.8573, 0.3196, 0.3370.

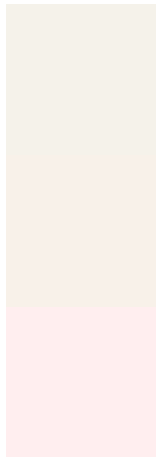


This preview shows how white text looks on a background with the Yxy color 88.8573, 0.3196, 0.3370.

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

88.8573, 0.3196, 0.3370

Protanopia

88.7502, 0.3223, 0.3370

Deuteranopia

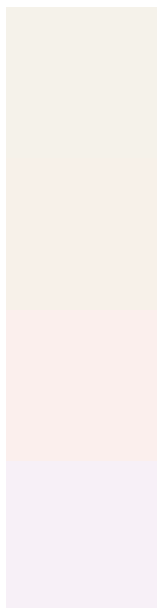
88.6411, 0.3234, 0.3281



Tritanopia

88.9095, 0.3089, 0.3134

Trichromacy



Original Color

88.8573, 0.3196, 0.3370

Protanomaly

88.5679, 0.3216, 0.3370

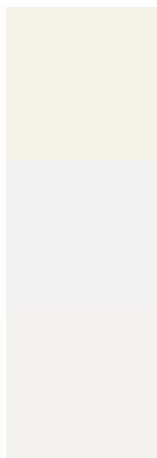
Deuteranomaly

88.3567, 0.3219, 0.3310

Tritanomaly

88.8097, 0.3130, 0.3221

Monochromacy



Original Color

88.8573, 0.3196, 0.3370

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.7909, 0.3152, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8573, 0.3196, 0.3370 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(245, 242, 234)` looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 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(245, 242, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 234) }
```

Border

The CSS property to change the border of an element to Yxy 88.8573, 0.3196, 0.3370 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(245, 242, 234) }
```

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

```
.border{ border-color:rgb(245, 242, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 234);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8573, 0.3196, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 234) }
```

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

```
.background{ background-color: rgb(245,  
242, 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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