

Converting Colors

$Yxy(88.4778, 0.3172, 0.3306)$

Have a look what the booklet for
Yxy(88.4778, 0.3172, 0.3306)
contains.

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Color

Yxy(88.7354, 0.3172, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	F6F1EF
RGB	246, 241, 239
RGB Percent	96%, 95%, 94%
CMY	0.0354, 0.0549, 0.0627
CMYK	0.00, 0.02, 0.03, 0.04
HSL	17°, 28%, 95%
HSV	17°, 3%, 96%
XYZ	85.0359, 88.7354, 94.3115
YIQ	242.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

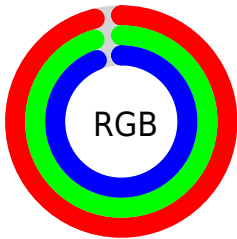
Format	Color
R_{YB}	246, 242, 239
Decimal	16183791
CIE Lab	95.47, 1.32, 1.54
CIE LCh	95, 2.028, 49.488
Yxy	88.7354, 0.3172, 0.3310
Android (android.graphics.Color)	4294373871 (0xFFFF6F1EF)
YUV	242.2670, -1.6106, 3.2738
Hunter-Lab	94.1995, -3.7133, 6.5791

Details

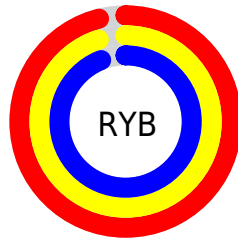
The Yxy color **88.7354, 0.3172, 0.3310** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.6895, 0.3083, 0.3270**, and the grayscale version is **89.0268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0640, 0.3185, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **77.5025, 0.3349, 0.3384**, and if you desaturate by 10%, it is **98.3288, 0.3072, 0.3290**.

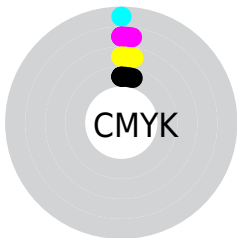
Distribution



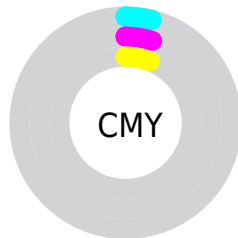
- Red (96%)
- Green (95%)
- Blue (94%)



- Red (96%)
- Yellow (95%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7354, 0.3172, 0.3310 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 88.7354, 0.3172, 0.3310 by changing the saturation by 10% instead.


 88.7354, 0.3172,
0.3310

 88.7354, 0.3172,
0.3310

523.9085, 0.3152,
0.3301

 66.9323, 0.3176,
0.3312


145.5806, 0.3165,
0.3307

 49.0296, 0.3182,
0.3314


181.3914, 0.3162,
0.3306

 34.6430, 0.3189,
0.3317


222.6402, 0.3160,
0.3305

 23.3880, 0.3197,
0.3321

269.7115, 0.3158,
0.3304

 14.8802, 0.3209,
0.3326

322.9895, 0.3156,
0.3303

 8.7354, 0.3224,
0.3333

382.8588, 0.3155,

 4.5690, 0.3248,

0.3302

449.7037, 0.3153,
0.3302

0.3343

■ 1.9967, 0.3287,
0.3359

■ 0.6055, 0.3443,
0.3431

■ 88.7354, 0.3172,
0.3310

■ 88.7354, 0.3172,
0.3310

■ 77.5025, 0.3349,
0.3384

■ 98.3288, 0.3072,
0.3290

■ 67.4255, 0.3561,
0.3463

■ 58.4704, 0.3811,
0.3543

■ 50.5975, 0.4103,
0.3621

■ 43.7643, 0.4437,
0.3691

■ 37.9257, 0.4804,
0.3742

■ 33.0330, 0.5184,
0.3762

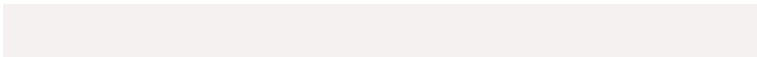
■ 29.0329, 0.5546,
0.3740

■ 25.8657, 0.5850,
0.3671

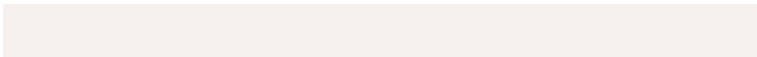
Harmonies

Analogous

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



88.7354, 0.3165, 0.3290



88.7354, 0.3172, 0.3310



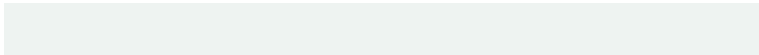
88.7354, 0.3167, 0.3325

Triad

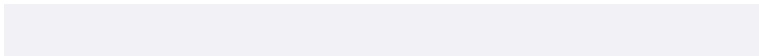
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7354, 0.3172, 0.3310



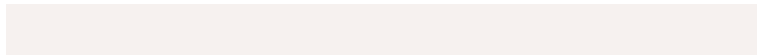
88.7354, 0.3107, 0.3310



88.7354, 0.3103, 0.3251

Complementary

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



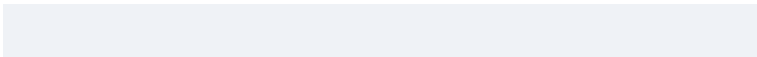
88.7354, 0.3172, 0.3310



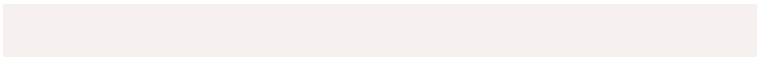
89.6895, 0.3083, 0.3270

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.



88.7354, 0.3087, 0.3256



88.7354, 0.3172, 0.3310



88.7354, 0.3090, 0.3290

Square

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



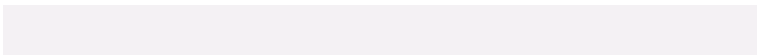
88.7354, 0.3172, 0.3310



88.7354, 0.3130, 0.3325



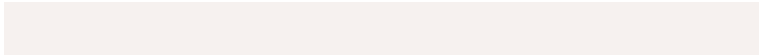
88.7354, 0.3083, 0.3270



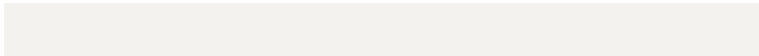
88.7354, 0.3125, 0.3256

Rectangle

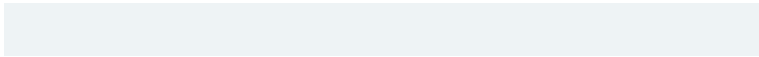
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



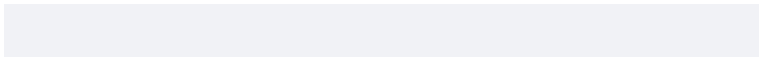
88.7354, 0.3172, 0.3310



88.7354, 0.3158, 0.3329



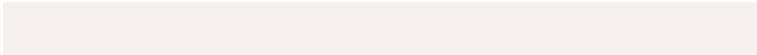
88.7354, 0.3083, 0.3270



88.7354, 0.3097, 0.3251

Sweetspot

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



88.7392, 0.3172, 0.3310



98.6833, 0.3143, 0.3297



87.8580, 0.3142, 0.3241



21.1362, 0.3142, 0.3297



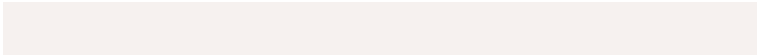
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



88.7392, 0.3172, 0.3310



96.0892, 0.3175, 0.3311



90.8044, 0.3170, 0.3344



18.6359, 0.3188, 0.3317



13.0542, 0.5992, 0.3624



1.3160, 0.5748, 0.3818

Inverse Universe

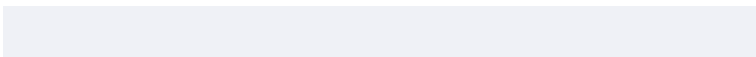
The Inverse Universe completely reimagines the original color for something new.



89.6895, 0.3083, 0.3270



97.1819, 0.3081, 0.3269



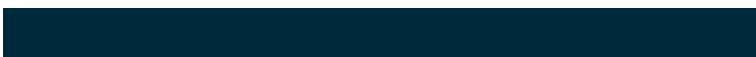
87.6299, 0.3084, 0.3235



18.9047, 0.3069, 0.3263



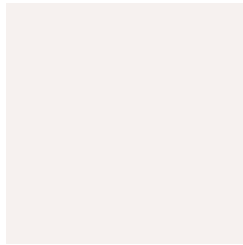
20.2184, 0.1979, 0.2325



1.9525, 0.2017, 0.2460

Previews

White Background



This preview shows how the Yxy color 88.7354, 0.3172, 0.3310 looks on a white background.

Color Contrast Check

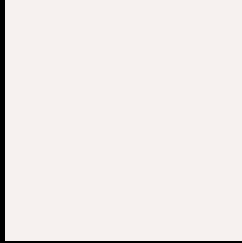
Large Text (above 18pt) WCAG AA × Fail

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 88.7354, 0.3172, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

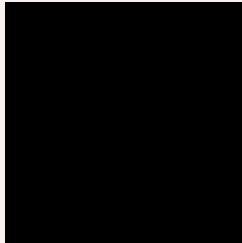
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

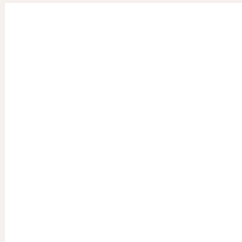
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7354, 0.3172, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 88.7354, 0.3172, 0.3310.

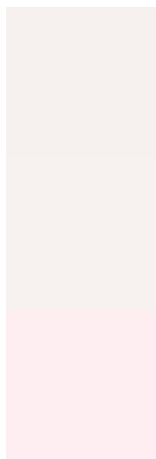


This preview shows how white text looks on a background with the Yxy color 88.7354, 0.3172, 0.3310.

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

88.7354, 0.3172, 0.3310

Protanopia

88.9167, 0.3179, 0.3310

Deuteranopia

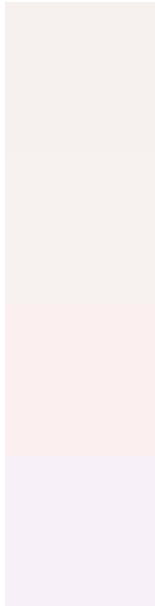
88.7599, 0.3222, 0.3261



Tritanopia

88.9095, 0.3089, 0.3134

Trichromacy



Original Color

88.7354, 0.3172, 0.3310

Protanomaly

88.9167, 0.3179, 0.3310

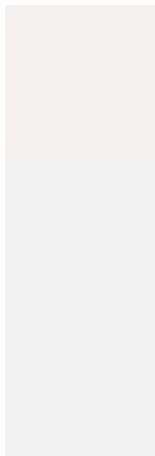
Deuteranomaly

88.7197, 0.3207, 0.3280

Tritanomaly

88.9339, 0.3118, 0.3202

Monochromacy



Original Color

88.7354, 0.3172, 0.3310

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.9098, 0.3140, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7354, 0.3172, 0.3310 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(246, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(246, 241, 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(246, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 241, 239) }
```

Border

The CSS property to change the border of an element to Yxy 88.7354, 0.3172, 0.3310 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(246, 241, 239) }
```

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

```
.border{ border-color:rgb(246, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 241,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7354, 0.3172, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 241, 239) }
```

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

```
.background{ background-color: rgb(246,  
241, 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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