

Converting Colors

$Yxy(88.2124, 0.3175, 0.3278)$

Have a look what the booklet for
Yxy(88.2124, 0.3175, 0.3278)
contains.

Yxy(88.0403, 0.3174, 0.3270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.0403, 0.3174, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F8EFF1
RGB	248, 239, 241
RGB Percent	97%, 94%, 95%
CMY	0.0275, 0.0627, 0.0547
CMYK	0.00, 0.04, 0.03, 0.03
HSL	346°, 39%, 95%
HSV	346°, 4%, 97%
XYZ	85.4556, 88.0403, 95.7405
YIQ	241.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

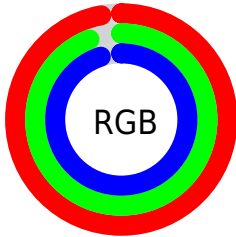
Format	Color
R _Y B	248, 239, 241
Decimal	16314353
CIE Lab	95.18, 3.37, 0.08
CIE LCh	95, 3.367, 1.367
Yxy	88.0403, 0.3174, 0.3270
Android (android.graphics.Color)	4294504433 (0xFF8EFF1)
YUV	241.9190, -0.4531, 5.3330
Hunter-Lab	93.8298, -1.6330, 5.1835

Details

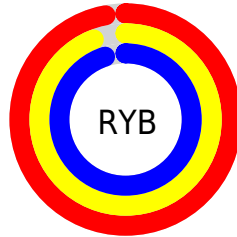
The Yxy color 88.0403, 0.3174, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.1283, 0.3082, 0.3310, and the grayscale version is 88.7292, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.5762, 0.3188, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 73.4191, 0.3324, 0.3212, and if you desaturate by 10%, it is 98.6937, 0.3084, 0.3290.

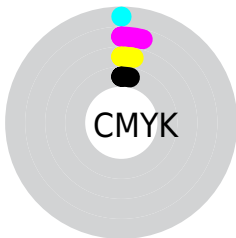
Distribution



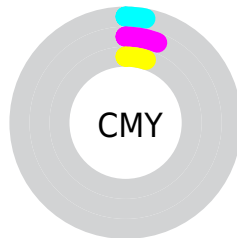
- Red (97%)
- Green (94%)
- Blue (95%)



- Red (97%)
- Yellow (94%)
- Blue (95%)



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




- Cyan (3%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0403, 0.3174, 0.3270 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 88.0403, 0.3174, 0.3270 by changing the saturation by 10% instead.


 88.0403, 0.3174,
0.3270

 88.0403, 0.3174,
0.3270


521.6352, 0.3153,
0.3279

 66.3564, 0.3179,
0.3268


144.6133, 0.3167,
0.3273

 48.5618, 0.3184,
0.3266


180.2712, 0.3164,
0.3274

 34.2720, 0.3191,
0.3263

221.3559, 0.3162,
0.3275

 23.1026, 0.3200,
0.3259

268.2518, 0.3159,
0.3276

 14.6693, 0.3212,
0.3253

321.3432, 0.3158,
0.3277

 8.5876, 0.3229,
0.3246

381.0147, 0.3156,

 4.4732, 0.3254,

0.3278

447.6506, 0.3154,
0.3278

0.3235

■ 1.9416, 0.3294,
0.3218

■ 0.5732, 0.3447,
0.3152

■ 88.0403, 0.3174,
0.3270

■ 88.0403, 0.3174,
0.3270

■ 73.4191, 0.3324,
0.3212

■ 98.6937, 0.3084,
0.3290

■ 60.8225, 0.3509,
0.3151

■ 50.1643, 0.3737,
0.3089

■ 41.3478, 0.4013,
0.3029

■ 34.2678, 0.4342,
0.2978

■ 28.8085, 0.4718,
0.2945

■ 24.8399, 0.5121,
0.2940

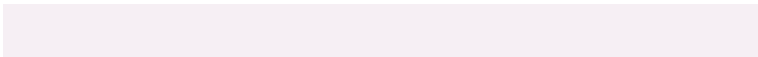
■ 22.2119, 0.5519,
0.2973

■ 20.7420, 0.5863,
0.3045

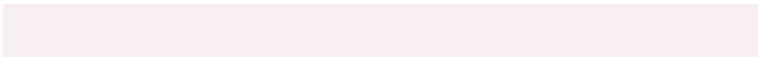
Harmonies

Analogous

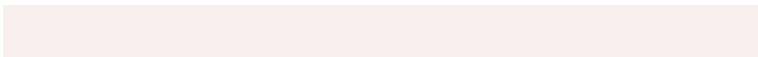
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0403, 0.3139, 0.3242



88.0403, 0.3174, 0.3270



88.0403, 0.3197, 0.3304

Triad

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



88.0403, 0.3174, 0.3270



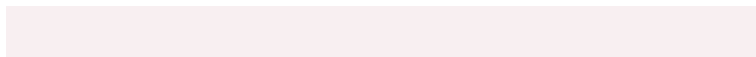
88.0403, 0.3154, 0.3355



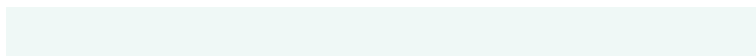
88.0403, 0.3054, 0.3246

Complementary

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



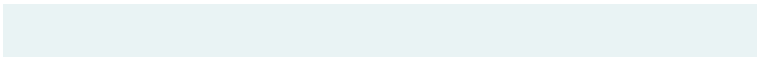
88.0403, 0.3174, 0.3270



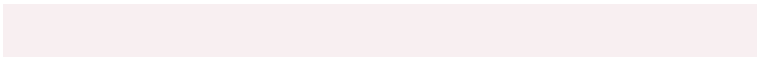
92.1283, 0.3082, 0.3310

Split Complementary

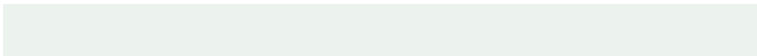
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0403, 0.3058, 0.3276



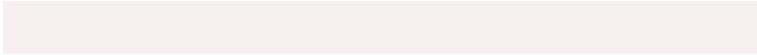
88.0403, 0.3174, 0.3270



88.0403, 0.3116, 0.3339

Square

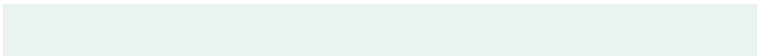
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0403, 0.3174, 0.3270



88.0403, 0.3185, 0.3353



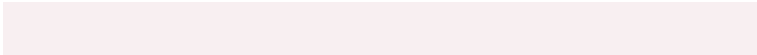
88.0403, 0.3081, 0.3310



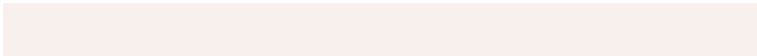
88.0403, 0.3069, 0.3228

Rectangle

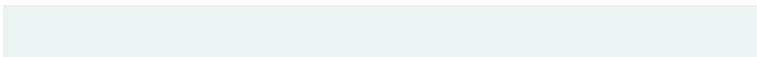
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0403, 0.3174, 0.3270



88.0403, 0.3202, 0.3325



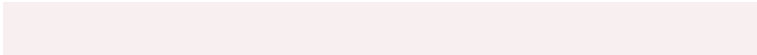
88.0403, 0.3081, 0.3310



88.0403, 0.3053, 0.3255

Sweetspot

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



88.0441, 0.3174, 0.3270



98.2574, 0.3140, 0.3285



88.0863, 0.3118, 0.3202



21.0495, 0.3139, 0.3285



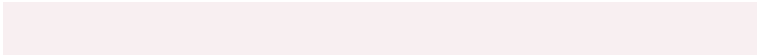
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

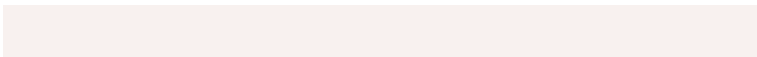
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0441, 0.3174, 0.3270



93.1662, 0.3179, 0.3268



89.3344, 0.3185, 0.3314



18.8381, 0.3189, 0.3264



10.9533, 0.6004, 0.3081



1.0298, 0.5679, 0.2902

Inverse Universe

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



88.0441, 0.3174, 0.3270



93.1662, 0.3179, 0.3268



90.7912, 0.3071, 0.3266



18.8381, 0.3189, 0.3264



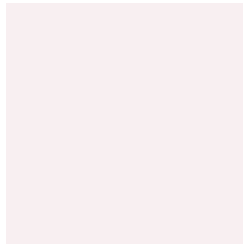
10.9533, 0.6004, 0.3081



1.0298, 0.5679, 0.2902

Previews

White Background



This preview shows how the Yxy color 88.0403, 0.3174, 0.3270 looks on a white background.

Color Contrast Check

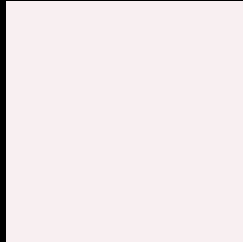
Large Text (above 18pt) WCAG AA × Fail

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 88.0403, 0.3174, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

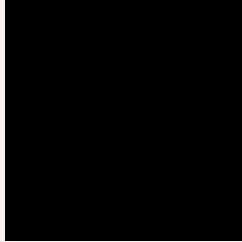
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

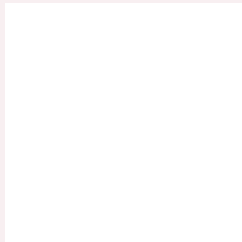
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0403, 0.3174, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 88.0403, 0.3174, 0.3270.

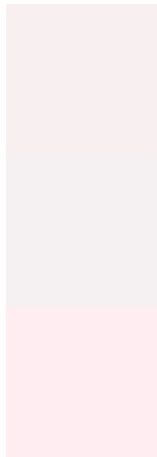


This preview shows how white text looks on a background with the Yxy color 88.0403, 0.3174, 0.3270.

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

88.0403, 0.3174, 0.3270

Protanopia

88.1435, 0.3148, 0.3270

Deuteranopia

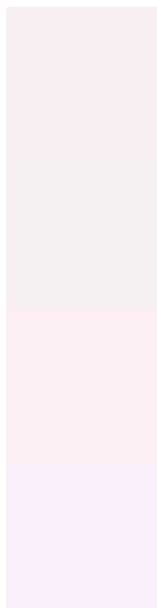
88.2392, 0.3216, 0.3242



Tritanopia

88.1124, 0.3103, 0.3115

Trichromacy



Original Color

88.0403, 0.3174, 0.3270

Protanomaly

88.3238, 0.3154, 0.3270

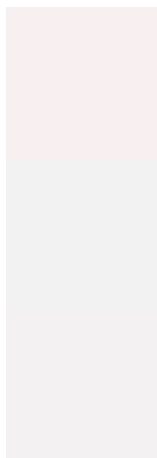
Deuteranomaly

88.2553, 0.3195, 0.3251

Tritanomaly

88.1909, 0.3126, 0.3173

Monochromacy



Original Color

88.0403, 0.3174, 0.3270

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.5545, 0.3141, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0403, 0.3174, 0.3270 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(248, 239, 241)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 241)  
}
```

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(248, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 241) }
```

Border

The CSS property to change the border of an element to Yxy 88.0403, 0.3174, 0.3270 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(248, 239, 241) }
```

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

```
.border{ border-color:rgb(248, 239, 241) }
```

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

Here you see how a box with a 4 pixel rgb(248, 239, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0403, 0.3174, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 241) }
```

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

```
.background{ background-color: rgb(248,  
239, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor