

Converting Colors

$Yxy(88.0411, 0.3159, 0.3183)$

Have a look what the booklet for
Yxy(88.0411, 0.3159, 0.3183)
contains.

Yxy(88.0411, 0.3159, 0.3183)	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(88.0411, 0.3159, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	FCEDF8
RGB	252, 237, 248
RGB Percent	99%, 93%, 97%
CMY	0.0117, 0.0706, 0.0275
CMYK	0.00, 0.06, 0.02, 0.01
HSL	316°, 72%, 96%
HSV	316°, 6%, 99%
XYZ	87.3773, 88.0411, 101.1795
YIQ	242.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

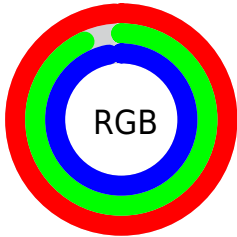
Format	Color
R _Y B	252, 237, 248
Decimal	16575992
CIE Lab	95.18, 6.96, -3.48
CIE LCh	95, 7.778, 333.414
Yxy	88.0411, 0.3159, 0.3183
Android (android.graphics.Color)	4294766072 (0xFFFCEDF8)
YUV	242.7390, 2.5937, 8.1219
Hunter-Lab	93.8302, 2.0212, 1.7472

Details

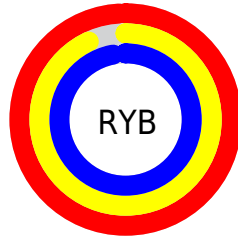
The Yxy color **88.0411, 0.3159, 0.3183** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.9969, 0.3097, 0.3399**, and the grayscale version is **89.3896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.4556, 0.3159, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **74.0486, 0.3220, 0.2997**, and if you desaturate by 10%, it is **99.4259, 0.3110, 0.3292**.

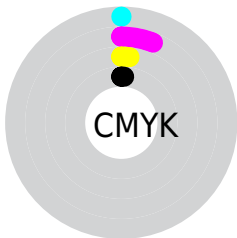
Distribution



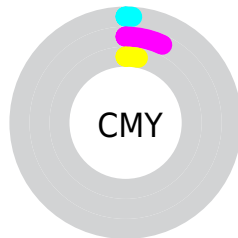
- Red (99%)
- Green (93%)
- Blue (97%)



- Red (99%)
- Yellow (93%)
- Blue (97%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0411, 0.3159, 0.3183 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 88.0411, 0.3159, 0.3183 by changing the saturation by 10% instead.

 88.0411, 0.3159,
0.3183

 88.0411, 0.3159,
0.3183


521.6378, 0.3145,
0.3231

 66.3571, 0.3162,
0.3173


144.6144, 0.3154,
0.3199

 48.5624, 0.3166,
0.3160


180.2724, 0.3152,
0.3205

 34.2724, 0.3170,
0.3144

221.3573, 0.3151,
0.3211

 23.1030, 0.3176,
0.3124

268.2534, 0.3149,
0.3216

 14.6696, 0.3184,
0.3098

321.3451, 0.3148,
0.3220

 8.5878, 0.3194,
0.3062

381.0168, 0.3147,

 4.4733, 0.3209,

0.3224

0.3009

447.6529, 0.3146,
0.3227

■ 1.9417, 0.3233,
0.2924

■ 0.5733, 0.3316,
0.2660

■ 88.0411, 0.3159,
0.3183

■ 88.0411, 0.3159,
0.3183

■ 74.0486, 0.3220,
0.2997

■ 99.4259, 0.3110,
0.3292

■ 62.0333, 0.3291,
0.2806

■ 99.4408, 0.3109,
0.3290

■ 51.9079, 0.3372,
0.2616

■ 43.5739, 0.3464,
0.2434

■ 36.9241, 0.3565,
0.2270

■ 31.8397, 0.3674,
0.2136

■ 28.1862, 0.3786,
0.2041

■ 25.8066, 0.3899,
0.1993

■ 24.5057, 0.4008,
0.1995

Harmonies

Analogous

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



88.0411, 0.3070, 0.3145



88.0411, 0.3159, 0.3183



88.0411, 0.3240, 0.3248

Triad

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



88.0411, 0.3159, 0.3183



88.0411, 0.3257, 0.3437



88.0411, 0.2966, 0.3251

Complementary

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



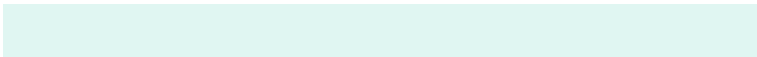
88.0411, 0.3159, 0.3183



93.9969, 0.3097, 0.3399

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.



88.0411, 0.3015, 0.3331



88.0411, 0.3159, 0.3183



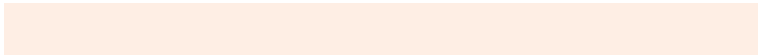
88.0411, 0.3183, 0.3440

Square

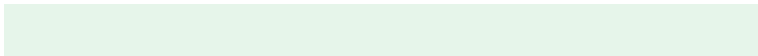
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0411, 0.3159, 0.3183



88.0411, 0.3297, 0.3395



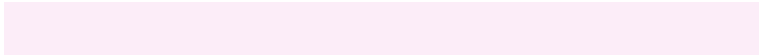
88.0411, 0.3094, 0.3401



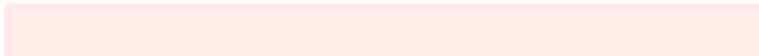
88.0411, 0.2960, 0.3183

Rectangle

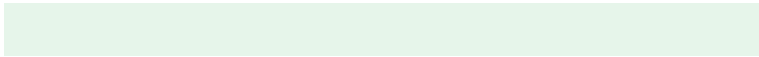
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0411, 0.3159, 0.3183



88.0411, 0.3278, 0.3300



88.0411, 0.3094, 0.3401



88.0411, 0.2978, 0.3278

Sweetspot

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



88.0449, 0.3159, 0.3183



96.7010, 0.3137, 0.3255



86.3000, 0.3062, 0.3141



20.7325, 0.3137, 0.3256



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.



88.0449, 0.3159, 0.3183



88.8296, 0.3165, 0.3164



87.5901, 0.3206, 0.3256



18.0188, 0.3168, 0.3153



12.6124, 0.4034, 0.1996



1.1858, 0.3912, 0.1929

Inverse Universe

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



88.0449, 0.3159, 0.3183



88.8296, 0.3165, 0.3164



94.4531, 0.3054, 0.3325



18.0188, 0.3168, 0.3153



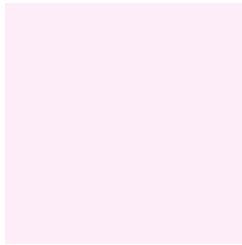
12.6124, 0.4034, 0.1996



1.1858, 0.3912, 0.1929

Previews

White Background



This preview shows how the Yxy color 88.0411, 0.3159, 0.3183 looks on a white background.

Color Contrast Check

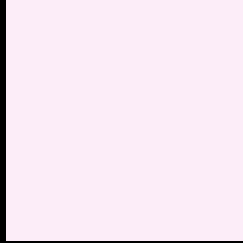
Large Text (above 18pt) WCAG AA × Fail

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 88.0411, 0.3159, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

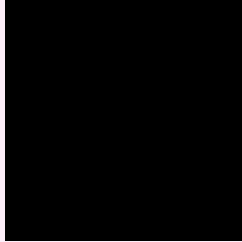
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0411, 0.3159, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 88.0411, 0.3159, 0.3183.

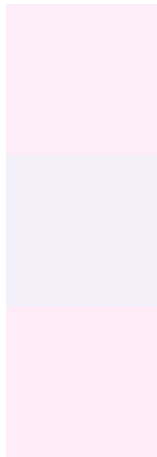


This preview shows how white text looks on a background with the Yxy color 88.0411, 0.3159, 0.3183.

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

88.0411, 0.3159, 0.3183

Protanopia

88.2770, 0.3086, 0.3191

Deuteranopia

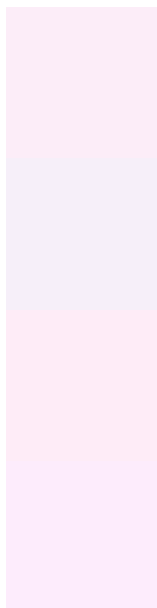
87.9047, 0.3192, 0.3193



Tritanopia

88.0936, 0.3123, 0.3106

Trichromacy



Original Color

88.0411, 0.3159, 0.3183

Protanomaly

88.1654, 0.3112, 0.3192

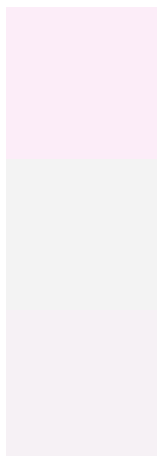
Deuteranomaly

87.7771, 0.3179, 0.3183

Tritanomaly

87.9018, 0.3141, 0.3135

Monochromacy



Original Color

88.0411, 0.3159, 0.3183

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.0960, 0.3136, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0411, 0.3159, 0.3183 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(252, 237, 248)` looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 248)  
}
```

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(252, 237, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 248) }
```

Border

The CSS property to change the border of an element to Yxy 88.0411, 0.3159, 0.3183 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(252, 237, 248) }
```

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

```
.border{ border-color:rgb(252, 237, 248) }
```

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

Here you see how a box with a 4 pixel rgb(252, 237, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 248);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0411, 0.3159, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 248) }
```

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

```
.background{ background-color: rgb(252,  
237, 248) }
```

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