

Converting Colors

$Yxy(88.8674, 0.3173, 0.3245)$

Have a look what the booklet for
Yxy(88.8674, 0.3173, 0.3245)
contains.

Yxy(88.7739, 0.3176, 0.3241)	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(88.7739, 0.3176, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	FBEFF4
RGB	251, 239, 244
RGB Percent	98%, 94%, 96%
CMY	0.0155, 0.0628, 0.0431
CMYK	0.00, 0.05, 0.03, 0.02
HSL	335°, 60%, 96%
HSV	335°, 5%, 98%
XYZ	86.9935, 88.7739, 98.1416
YIQ	243.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

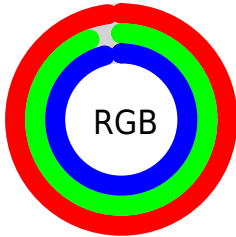
Format	Color
R _Y B	251, 239, 244
Decimal	16510964
CIE Lab	95.49, 4.92, -0.98
CIE LCh	95, 5.013, 348.758
Yxy	88.7739, 0.3176, 0.3241
Android (android.graphics.Color)	4294701044 (0xFFFFBEFF4)
YUV	243.1580, 0.4151, 6.8774
Hunter-Lab	94.2199, -0.0753, 4.1961

Details

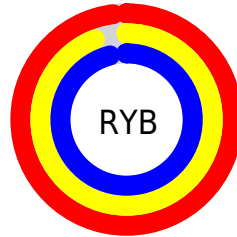
The Yxy color **88.7739, 0.3176, 0.3241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.0320, 0.3081, 0.3340**, and the grayscale version is **89.7610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9671, 0.3181, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **74.2297, 0.3294, 0.3134**, and if you desaturate by 10%, it is **99.2590, 0.3103, 0.3290**.

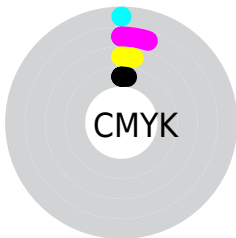
Distribution



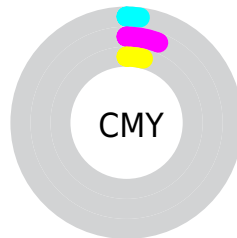
- Red (98%)
- Green (94%)
- Blue (96%)



- Red (98%)
- Yellow (94%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (2%)




- Cyan (2%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7739, 0.3176, 0.3241 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 88.7739, 0.3176, 0.3241 by changing the saturation by 10% instead.


 88.7739, 0.3176,
0.3241

 88.7739, 0.3176,
0.3241


524.0343, 0.3154,
0.3263

 66.9642, 0.3181,
0.3236


145.6341, 0.3169,
0.3248

 49.0555, 0.3187,
0.3230


181.4534, 0.3166,
0.3251

 34.6635, 0.3194,
0.3223


222.7113, 0.3163,
0.3254

 23.4038, 0.3203,
0.3214

269.7922, 0.3161,
0.3256

 14.8920, 0.3215,
0.3201

323.0806, 0.3159,
0.3258

 8.7436, 0.3232,
0.3184

382.9608, 0.3157,

 4.5743, 0.3258,

0.3260

0.3159

449.8172, 0.3156,
0.3261

■ 1.9997, 0.3298,
0.3119

■ 0.6073, 0.3428,
0.2986

■ 88.7739, 0.3176,
0.3241

■ 88.7739, 0.3176,
0.3241

■ 74.2297, 0.3294,
0.3134

■ 99.2590, 0.3103,
0.3290

■ 61.7088, 0.3437,
0.3022

■ 51.1239, 0.3610,
0.2909

■ 42.3770, 0.3816,
0.2800

■ 35.3611, 0.4057,
0.2703

■ 29.9583, 0.4329,
0.2630

■ 26.0357, 0.4625,
0.2594

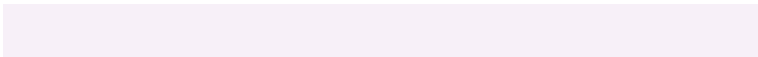
■ 23.4389, 0.4928,
0.2607

■ 21.9784, 0.5218,
0.2675

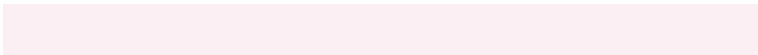
Harmonies

Analogous

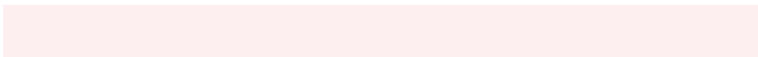
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7739, 0.3120, 0.3206



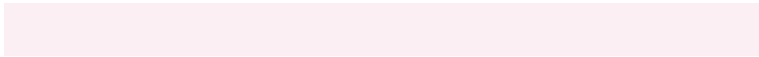
88.7739, 0.3176, 0.3241



88.7739, 0.3220, 0.3289

Triad

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



88.7739, 0.3176, 0.3241



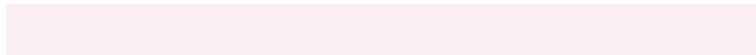
88.7739, 0.3188, 0.3389



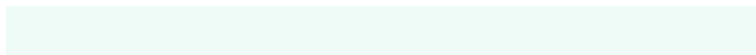
88.7739, 0.3018, 0.3241

Complementary

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



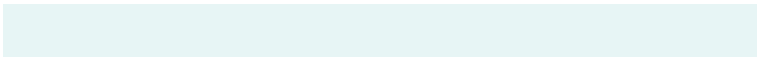
88.7739, 0.3176, 0.3241



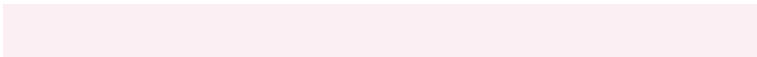
94.0320, 0.3081, 0.3340

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.



88.7739, 0.3036, 0.3291



88.7739, 0.3176, 0.3241



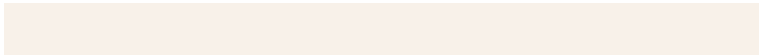
88.7739, 0.3134, 0.3376

Square

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



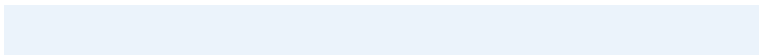
88.7739, 0.3176, 0.3241



88.7739, 0.3227, 0.3374



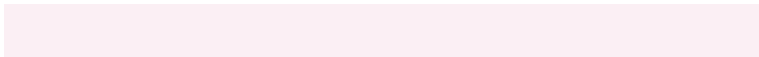
88.7739, 0.3078, 0.3340



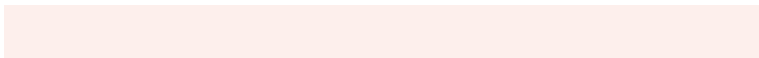
88.7739, 0.3029, 0.3206

Rectangle

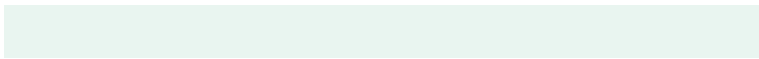
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



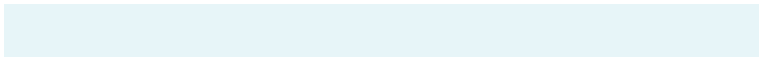
88.7739, 0.3176, 0.3241



88.7739, 0.3235, 0.3322



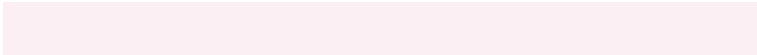
88.7739, 0.3078, 0.3340



88.7739, 0.3021, 0.3257

Sweetspot

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



88.7777, 0.3176, 0.3241



98.2882, 0.3137, 0.3280



88.2926, 0.3100, 0.3171



21.0558, 0.3136, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

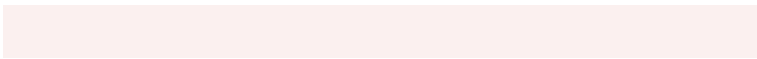
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7777, 0.3176, 0.3241



90.0614, 0.3189, 0.3229



89.0673, 0.3206, 0.3300



18.2462, 0.3196, 0.3222



11.3374, 0.5317, 0.2702



1.0706, 0.5007, 0.2532

Inverse Universe

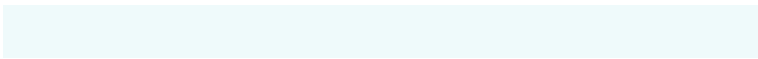
The Inverse Universe completely reimagines the original color for something new.



88.7777, 0.3176, 0.3241



90.0614, 0.3189, 0.3229



93.7178, 0.3052, 0.3280



18.2462, 0.3196, 0.3222



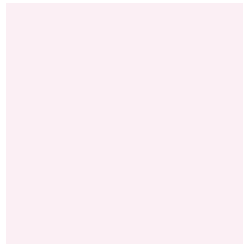
11.3374, 0.5317, 0.2702



1.0706, 0.5007, 0.2532

Previews

White Background



This preview shows how the Yxy color 88.7739, 0.3176, 0.3241 looks on a white background.

Color Contrast Check

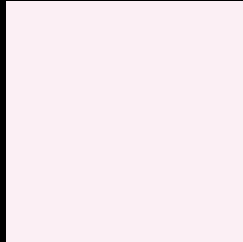
Large Text (above 18pt) WCAG AA × Fail

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 88.7739, 0.3176, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

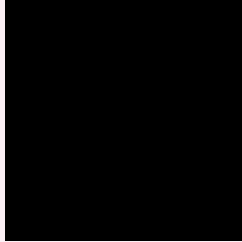
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

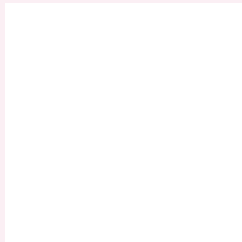
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7739, 0.3176, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 88.7739, 0.3176, 0.3241.

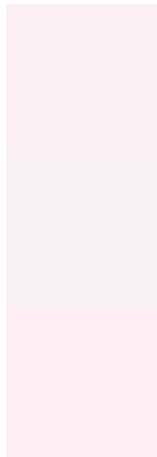


This preview shows how white text looks on a background with the Yxy color 88.7739, 0.3176, 0.3241.

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

88.7739, 0.3176, 0.3241

Protanopia

88.9156, 0.3129, 0.3250

Deuteranopia

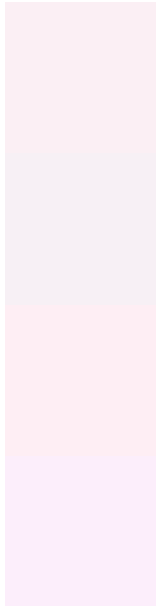
88.9407, 0.3203, 0.3232



Tritanopia

88.4838, 0.3116, 0.3116

Trichromacy



Original Color

88.7739, 0.3176, 0.3241

Protanomaly

88.6869, 0.3143, 0.3241

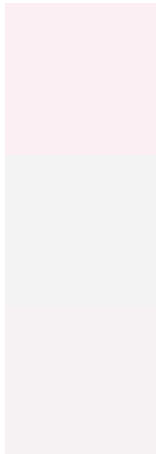
Deuteranomaly

88.7516, 0.3196, 0.3232

Tritanomaly

88.8096, 0.3140, 0.3164

Monochromacy



Original Color

88.7739, 0.3176, 0.3241

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5682, 0.3147, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7739, 0.3176, 0.3241 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(251, 239, 244)` looks like.

```
.text, #text, p{  
    color:rgb(251, 239, 244)  
}
```

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(251, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 239, 244) }
```

Border

The CSS property to change the border of an element to Yxy 88.7739, 0.3176, 0.3241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

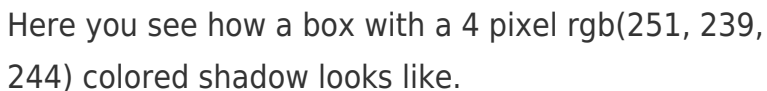
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 239, 244) }
```

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

```
.border{ border-color:rgb(251, 239, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 239, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 239, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 239, 244); box-shadow:4px 4px 4px 4px rgb(251, 239, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7739, 0.3176, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 239, 244) }
```

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

```
.background{ background-color: rgb(251,  
239, 244) }
```

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