

Converting Colors

$Y_{xy}(80.7044, 0.3281, 0.3308)$

Have a look what the booklet for
Yxy(80.7044, 0.3281, 0.3308)
contains.

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Color

Yxy(80.9343, 0.3280, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	F8E4E2
RGB	248, 228, 226
RGB Percent	97%, 89%, 89%
CMY	0.0275, 0.1058, 0.1138
CMYK	0.00, 0.08, 0.09, 0.03
HSL	6°, 61%, 93%
HSV	6°, 9%, 97%
XYZ	80.1765, 80.9343, 83.3298
YIQ	233.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

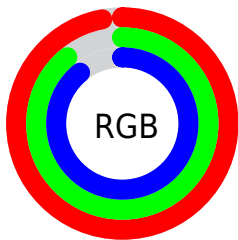
Format	Color
R _Y B	248, 228, 226
Decimal	16311522
CIE Lab	92.10, 6.47, 3.44
CIE LCh	92, 7.332, 28.006
Yxy	80.9343, 0.3280, 0.3311
Android (android.graphics.Color)	4294501602 (0xFFFF8E4E2)
YUV	233.7520, -3.8217, 12.4955
Hunter-Lab	89.9635, 1.6452, 8.0563

Details

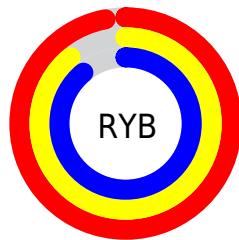
The Yxy color **80.9343, 0.3280, 0.3311** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.8253, 0.2990, 0.3269**, and the grayscale version is **82.1048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0339, 0.3316, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **68.0853, 0.3490, 0.3336**, and if you desaturate by 10%, it is **95.5992, 0.3110, 0.3287**.

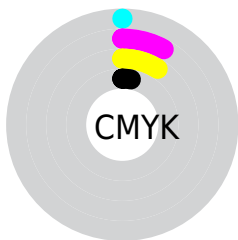
Distribution



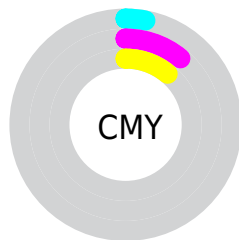
- Red (97%)
- Green (89%)
- Blue (89%)



- Red (97%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (3%)




- Cyan (3%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.9343, 0.3280, 0.3311 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 80.9343, 0.3280, 0.3311 by changing the saturation by 10% instead.


 80.9343, 0.3280,
0.3311

 80.9343, 0.3280,
0.3311


498.0759, 0.3210,
0.3302

 60.4875, 0.3296,
0.3313


134.6785, 0.3256,
0.3308

 43.8117, 0.3315,
0.3315

168.7447, 0.3247,
0.3307

 30.5225, 0.3339,
0.3318


208.1195, 0.3239,
0.3306

 20.2355, 0.3371,
0.3322

253.1872, 0.3231,
0.3305

 12.5664, 0.3413,
0.3326

304.3324, 0.3225,
0.3304

 7.1306, 0.3473,
0.3332

361.9393, 0.3220,

 3.5439, 0.3565,

0.3303

426.3923, 0.3215,
0.3303

0.3340

■ 1.4219, 0.3724,
0.3351

■ 0.2328, 0.6071,
0.3726

■ 80.9343, 0.3280,
0.3311

■ 80.9343, 0.3280,
0.3311

■ 68.0853, 0.3490,
0.3336

■ 95.5992, 0.3110,
0.3287

■ 56.9714, 0.3749,
0.3363

■ 98.6946, 0.3084,
0.3290

■ 47.5213, 0.4065,
0.3389

■ 39.6549, 0.4441,
0.3413

■ 33.2854, 0.4872,
0.3429

■ 28.3177, 0.5330,
0.3433

■ 24.6455, 0.5767,
0.3420

■ 22.1475, 0.6115,
0.3389

■ 20.6757, 0.6327,
0.3347

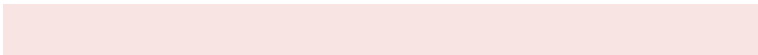
Harmonies

Analogous

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



80.9343, 0.3224, 0.3237



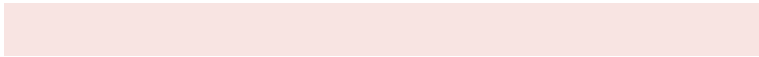
80.9343, 0.3280, 0.3311



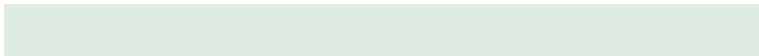
80.9343, 0.3294, 0.3381

Triad

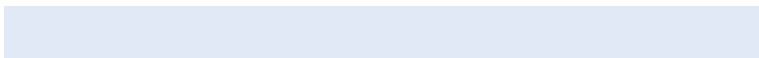
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9343, 0.3280, 0.3311



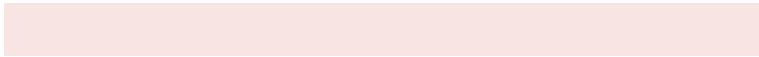
80.9343, 0.3110, 0.3407



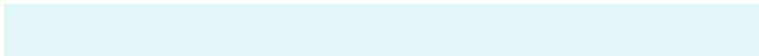
80.9343, 0.2992, 0.3153

Complementary

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



80.9343, 0.3280, 0.3311



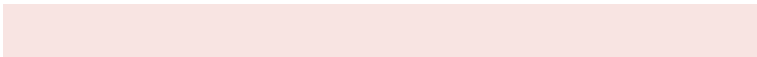
88.8253, 0.2990, 0.3269

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.



80.9343, 0.2963, 0.3197



80.9343, 0.3280, 0.3311



80.9343, 0.3030, 0.3344

Square

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



80.9343, 0.3280, 0.3311



80.9343, 0.3196, 0.3438



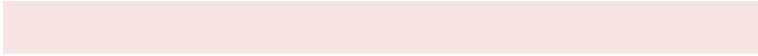
80.9343, 0.2977, 0.3266



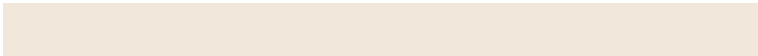
80.9343, 0.3058, 0.3147

Rectangle

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



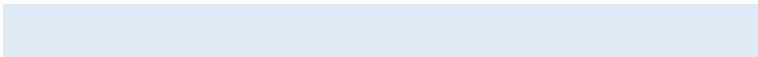
80.9343, 0.3280, 0.3311



80.9343, 0.3278, 0.3416



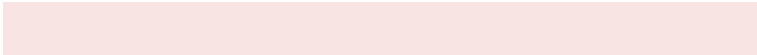
80.9343, 0.2977, 0.3266



80.9343, 0.2978, 0.3164

Sweetspot

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



80.9379, 0.3280, 0.3311



95.1671, 0.3176, 0.3297



80.9980, 0.3149, 0.3090



20.0997, 0.3189, 0.3299



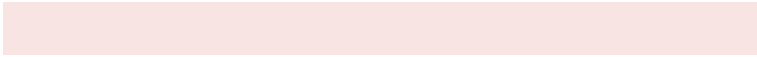
0.0000, 0.0000, 0.0000



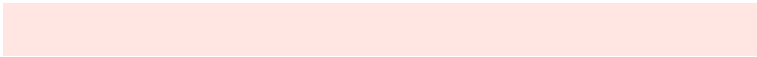
21.4041, 0.3127, 0.3290

Same Dimension

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



80.9379, 0.3280, 0.3311



83.1433, 0.3321, 0.3316



87.0705, 0.3269, 0.3419



17.4831, 0.3292, 0.3313



11.1954, 0.6330, 0.3356



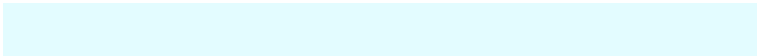
1.1213, 0.6185, 0.3471

Inverse Universe

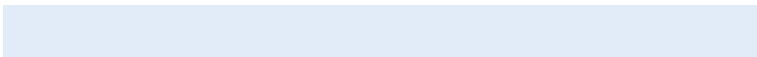
The Inverse Universe completely reimagines the original color for something new.



88.8253, 0.2990, 0.3269



93.4190, 0.2957, 0.3264



82.4436, 0.2989, 0.3158



19.3179, 0.2980, 0.3267



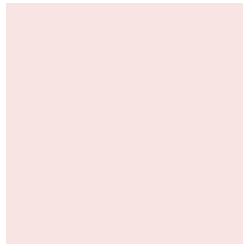
32.8820, 0.2166, 0.2997



3.1231, 0.2176, 0.3035

Previews

White Background



This preview shows how the Yxy color 80.9343, 0.3280, 0.3311 looks on a white background.

Color Contrast Check

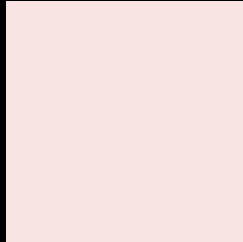
Large Text (above 18pt) WCAG AA × Fail

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 80.9343, 0.3280, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

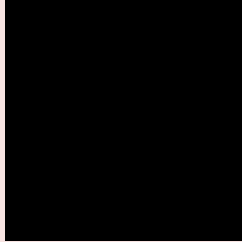
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

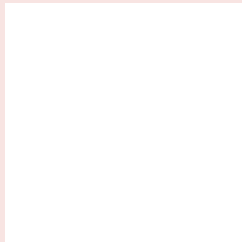
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.9343, 0.3280, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 80.9343, 0.3280, 0.3311.

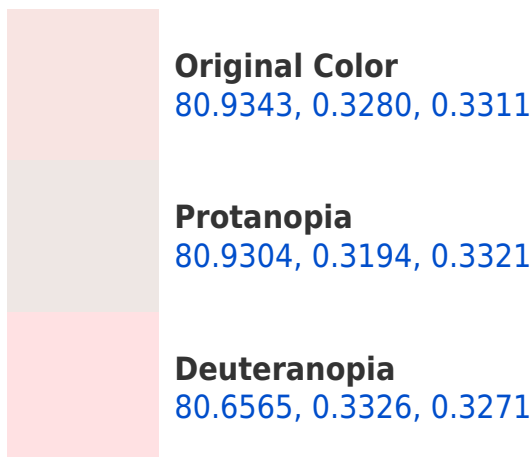


This preview shows how white text looks on a background with the Yxy color 80.9343, 0.3280, 0.3311.

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

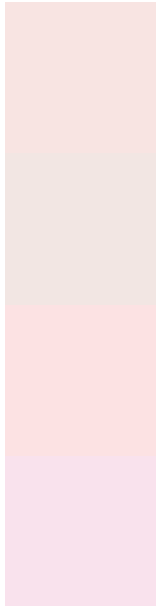




Tritanopia

80.6455, 0.3184, 0.3112

Trichromacy



Original Color

80.9343, 0.3280, 0.3311

Protanomaly

81.0169, 0.3229, 0.3321

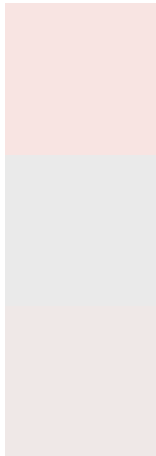
Deuteranomaly

80.6342, 0.3304, 0.3281

Tritanomaly

80.6469, 0.3216, 0.3180

Monochromacy



Original Color

80.9343, 0.3280, 0.3311

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.8335, 0.3181, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9343, 0.3280, 0.3311 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, 228, 226)` looks like.

```
.text, #text, p{  
    color:rgb(248, 228, 226)  
}
```

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, 228, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 228, 226) }
```

Border

The CSS property to change the border of an element to Yxy 80.9343, 0.3280, 0.3311 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, 228, 226) }
```

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

```
.border{ border-color:rgb(248, 228, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 228, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 228, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 228, 226);  
box-shadow:4px 4px 4px 4px rgb(248, 228,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9343, 0.3280, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 228, 226) }
```

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

```
.background{ background-color: rgb(248,  
228, 226) }
```

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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