

Converting Colors

Yxy(81.9091, 0.3138, 0.3209)

Have a look what the booklet for
Yxy(81.9091, 0.3138, 0.3209)
contains.

Yxy(81.9091, 0.3138, 0.3209)	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(81.9091, 0.3138, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	F0E7EF
RGB	240, 231, 239
RGB Percent	94%, 91%, 94%
CMY	0.0587, 0.0941, 0.0628
CMYK	0.00, 0.04, 0.00, 0.06
HSL	307°, 23%, 92%
HSV	307°, 4%, 94%
XYZ	80.0968, 81.9091, 93.2421
YIQ	234.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

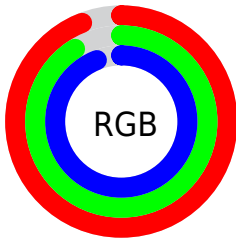
Format	Color
R _Y B	240, 231, 239
Decimal	15788015
CIE Lab	92.53, 4.45, -2.80
CIE LCh	93, 5.258, 327.884
Yxy	81.9091, 0.3138, 0.3209
Android (android.graphics.Color)	4293978095 (0xFFFF0E7EF)
YUV	234.6030, 2.1677, 4.7332
Hunter-Lab	90.5036, -0.4067, 2.2686

Details

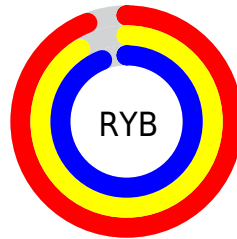
The Yxy color **81.9091, 0.3138, 0.3209** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.1541, 0.3116, 0.3372**, and the grayscale version is **82.7464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2692, 0.3141, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **69.2234, 0.3169, 0.2988**, and if you desaturate by 10%, it is **96.4461, 0.3110, 0.3421**.

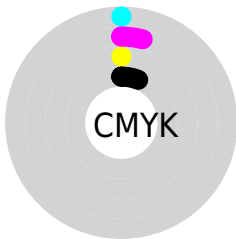
Distribution



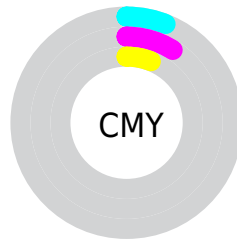
- Red (94%)
- Green (91%)
- Blue (94%)



- Red (94%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9091, 0.3138, 0.3209 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 81.9091, 0.3138, 0.3209 by changing the saturation by 10% instead.

 81.9091, 0.3138,
0.3209

 81.9091, 0.3138,
0.3209


501.3436, 0.3133,
0.3246

 61.2906, 0.3139,
0.3201


136.0465, 0.3136,
0.3222

 44.4597, 0.3140,
0.3191


170.3342, 0.3136,
0.3226

 31.0321, 0.3142,
0.3178


209.9472, 0.3135,
0.3231

 20.6233, 0.3144,
0.3162

255.2697, 0.3135,
0.3234

 12.8489, 0.3146,
0.3141

306.6862, 0.3134,
0.3238

 7.3246, 0.3150,
0.3111

364.5811, 0.3134,

 3.6659, 0.3155,

0.3241

0.3066

429.3387, 0.3134,
0.3243

■ 1.4885, 0.3164,
0.2992

■ 0.2806, 0.3245,
0.2425

■ 81.9091, 0.3138,
0.3209

■ 81.9091, 0.3138,
0.3209

■ 69.2234, 0.3169,
0.2988

■ 96.4461, 0.3110,
0.3421

■ 58.3046, 0.3205,
0.2762

■ 96.6128, 0.3095,
0.3393

■ 49.0767, 0.3244,
0.2538

■ 96.7820, 0.3079,
0.3366

■ 41.4539, 0.3286,
0.2324

■ 96.9538, 0.3063,
0.3339

■ 35.3431, 0.3330,
0.2131

■ 97.1281, 0.3048,
0.3311

■ 30.6416, 0.3376,
0.1967

■ 97.2703, 0.3036,
0.3290

■ 27.2338, 0.3421,
0.1841

■ 24.9860, 0.3464,
0.1760

■ 23.7352, 0.3504,
0.1723

Harmonies

Analogous

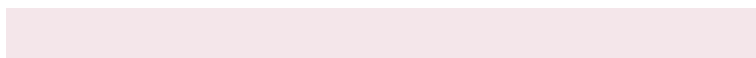
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9091, 0.3077, 0.3187



81.9091, 0.3138, 0.3209



81.9091, 0.3196, 0.3252

Triad

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



81.9091, 0.3138, 0.3209



81.9091, 0.3225, 0.3388



81.9091, 0.3020, 0.3274

Complementary

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



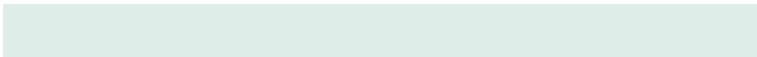
81.9091, 0.3138, 0.3209



85.1541, 0.3116, 0.3372

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.



81.9091, 0.3058, 0.3329



81.9091, 0.3138, 0.3209



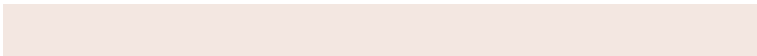
81.9091, 0.3176, 0.3395

Square

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



81.9091, 0.3138, 0.3209



81.9091, 0.3246, 0.3355



81.9091, 0.3116, 0.3373



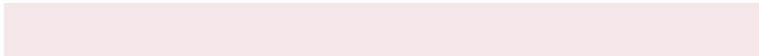
81.9091, 0.3009, 0.3224

Rectangle

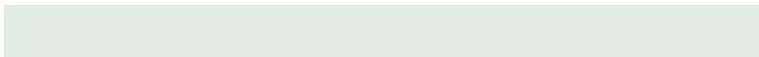
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9091, 0.3138, 0.3209



81.9091, 0.3226, 0.3287



81.9091, 0.3116, 0.3373



81.9091, 0.3030, 0.3292

Sweetspot

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



81.9126, 0.3138, 0.3209



98.3649, 0.3130, 0.3269



80.5831, 0.3077, 0.3197



21.0714, 0.3130, 0.3270



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.



81.9126, 0.3138, 0.3209



92.0392, 0.3142, 0.3182



81.6568, 0.3166, 0.3253



17.0491, 0.3144, 0.3167



12.7678, 0.3522, 0.1714



1.0710, 0.3475, 0.1688

Inverse Universe

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



81.9126, 0.3138, 0.3209



92.0392, 0.3142, 0.3182



85.4063, 0.3090, 0.3327



17.0491, 0.3144, 0.3167



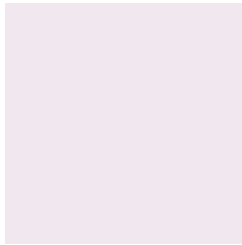
12.7678, 0.3522, 0.1714



1.0710, 0.3475, 0.1688

Previews

White Background



This preview shows how the Yxy color 81.9091, 0.3138, 0.3209 looks on a white background.

Color Contrast Check

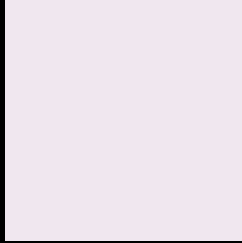
Large Text (above 18pt) WCAG AA × Fail

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 81.9091, 0.3138, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

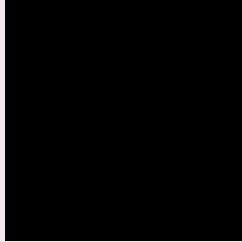
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

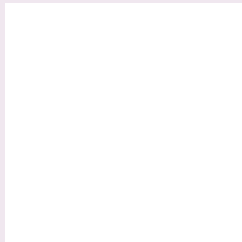
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9091, 0.3138, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 81.9091, 0.3138, 0.3209.

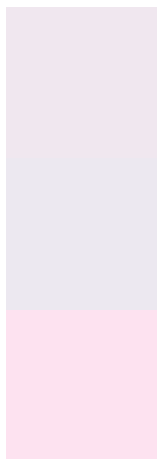


This preview shows how white text looks on a background with the Yxy color 81.9091, 0.3138, 0.3209.

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

81.9091, 0.3138, 0.3209

Protanopia

81.8374, 0.3104, 0.3208

Deuteranopia

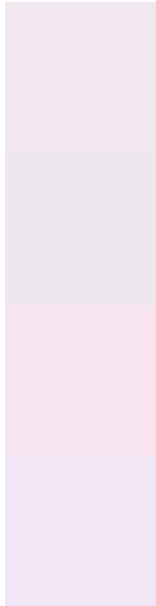
81.5666, 0.3224, 0.3152



Tritanopia

82.0717, 0.3088, 0.3109

Trichromacy



Original Color

81.9091, 0.3138, 0.3209

Protanomaly

82.0090, 0.3111, 0.3209

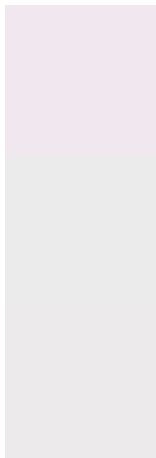
Deuteranomaly

81.7345, 0.3188, 0.3170

Tritanomaly

81.8870, 0.3107, 0.3139

Monochromacy



Original Color

81.9091, 0.3138, 0.3209

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9063, 0.3135, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9091, 0.3138, 0.3209 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(240, 231, 239)` looks like.

```
.text, #text, p{  
    color:rgb(240, 231, 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(240, 231, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 231, 239) }
```

Border

The CSS property to change the border of an element to Yxy 81.9091, 0.3138, 0.3209 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(240, 231, 239) }
```

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

```
.border{ border-color:rgb(240, 231, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 231, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 231, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 231, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 231,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9091, 0.3138, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 231, 239) }
```

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

```
.background{ background-color: rgb(240,  
231, 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](#).

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