

Converting Colors

Yxy(81.6074, 0.3176, 0.3261)

Have a look what the booklet for
Yxy(81.6074, 0.3176, 0.3261)
contains.

Yxy(81.7931, 0.3176, 0.3260)	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(81.7931, 0.3176, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F1E7EA
RGB	241, 231, 234
RGB Percent	95%, 91%, 92%
CMY	0.0551, 0.0940, 0.0824
CMYK	0.00, 0.04, 0.03, 0.06
HSL	342°, 26%, 93%
HSV	342°, 4%, 94%
XYZ	79.6855, 81.7931, 89.4204
YIQ	234.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

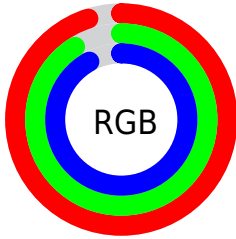
Format	Color
R _Y B	241, 231, 234
Decimal	15853546
CIE Lab	92.48, 3.86, -0.25
CIE LCh	92, 3.873, 356.257
Yxy	81.7931, 0.3176, 0.3260
Android (android.graphics.Color)	4294043626 (0xFFFF1E7EA)
YUV	234.3320, -0.1637, 5.8478
Hunter-Lab	90.4395, -0.9943, 4.6858

Details

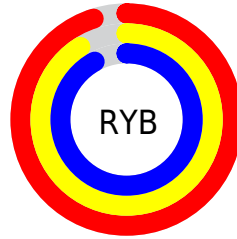
The Yxy color **81.7931, 0.3176, 0.3260** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.0394, 0.3081, 0.3320**, and the grayscale version is **82.5385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1886, 0.3191, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **68.2979, 0.3314, 0.3184**, and if you desaturate by 10%, it is **97.1676, 0.3064, 0.3330**.

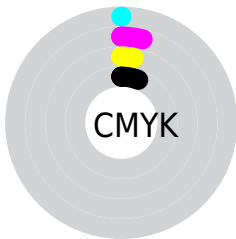
Distribution



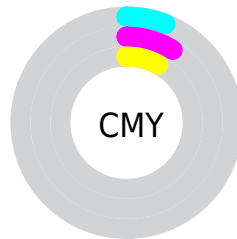
- Red (95%)
- Green (91%)
- Blue (92%)



- Red (95%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.7931, 0.3176, 0.3260 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 81.7931, 0.3176, 0.3260 by changing the saturation by 10% instead.


 81.7931, 0.3176,
0.3260

 81.7931, 0.3176,
0.3260


500.9554, 0.3154,
0.3274

 61.1950, 0.3181,
0.3257


135.8838, 0.3168,
0.3265

 44.3826, 0.3187,
0.3253


170.1452, 0.3165,
0.3267

 30.9714, 0.3195,
0.3248


209.7299, 0.3163,
0.3268

 20.5771, 0.3204,
0.3242

255.0221, 0.3161,
0.3270

 12.8152, 0.3218,
0.3234

306.4064, 0.3159,
0.3271

 7.3014, 0.3236,
0.3223

364.2671, 0.3157,

 3.6513, 0.3265,

0.3272

0.3205

428.9886, 0.3155,
0.3273

■ 1.4805, 0.3313,
0.3176

■ 0.2749, 0.3753,
0.2901

■ 81.7931, 0.3176,
0.3260

■ 81.7931, 0.3176,
0.3260

■ 68.2979, 0.3314,
0.3184

■ 97.1676, 0.3064,
0.3330

■ 56.6703, 0.3483,
0.3103

■ 97.4300, 0.3041,
0.3290

■ 46.8306, 0.3689,
0.3021

■ 38.6894, 0.3939,
0.2942

■ 32.1493, 0.4233,
0.2874

■ 27.1032, 0.4570,
0.2826

■ 23.4306, 0.4934,
0.2811

■ 20.9919, 0.5301,
0.2839

■ 19.6176, 0.5636,
0.2914

Harmonies

Analogous

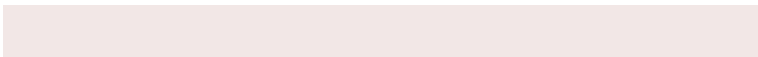
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7931, 0.3133, 0.3229



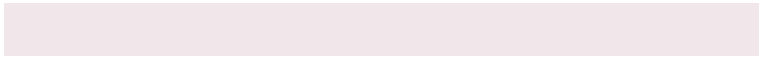
81.7931, 0.3176, 0.3260



81.7931, 0.3206, 0.3299

Triad

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



81.7931, 0.3176, 0.3260



81.7931, 0.3166, 0.3368



81.7931, 0.3040, 0.3243

Complementary

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



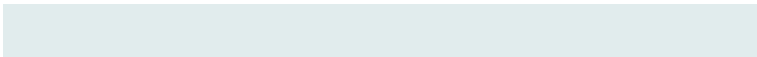
81.7931, 0.3176, 0.3260



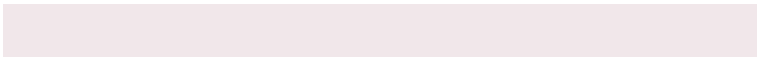
86.0394, 0.3081, 0.3320

Split Complementary

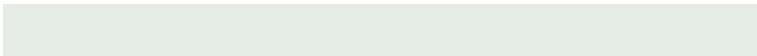
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7931, 0.3049, 0.3280



81.7931, 0.3176, 0.3260



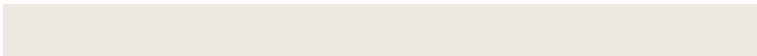
81.7931, 0.3121, 0.3353

Square

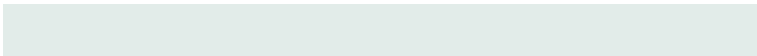
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



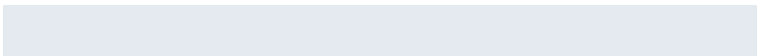
81.7931, 0.3176, 0.3260



81.7931, 0.3200, 0.3362



81.7931, 0.3079, 0.3321



81.7931, 0.3054, 0.3219

Rectangle

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



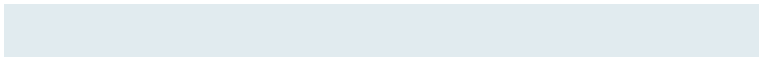
81.7931, 0.3176, 0.3260



81.7931, 0.3215, 0.3325



81.7931, 0.3079, 0.3321



81.7931, 0.3040, 0.3255

Sweetspot

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



81.7966, 0.3176, 0.3260



98.2692, 0.3139, 0.3283



81.6851, 0.3112, 0.3189



21.0519, 0.3138, 0.3283



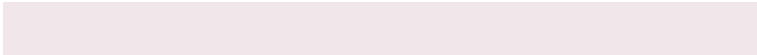
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

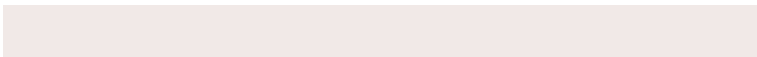
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7966, 0.3176, 0.3260



91.5707, 0.3187, 0.3253



82.7440, 0.3194, 0.3310



16.9501, 0.3196, 0.3248



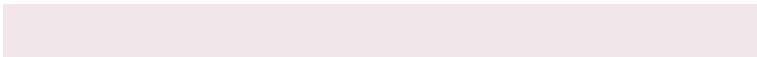
10.4157, 0.5765, 0.2950



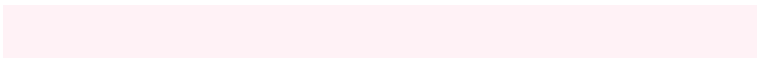
0.8834, 0.5392, 0.2744

Inverse Universe

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



81.7966, 0.3176, 0.3260



91.5707, 0.3187, 0.3253



85.0480, 0.3063, 0.3270



16.9501, 0.3196, 0.3248



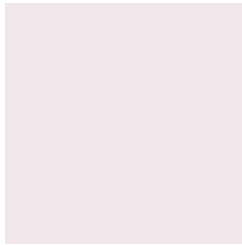
10.4157, 0.5765, 0.2950



0.8834, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 81.7931, 0.3176, 0.3260 looks on a white background.

Color Contrast Check

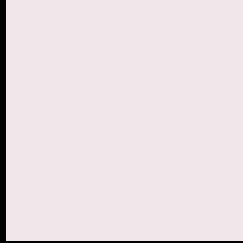
Large Text (above 18pt) WCAG AA × Fail

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 81.7931, 0.3176, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

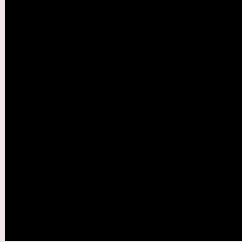
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

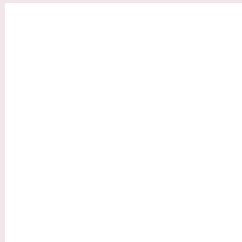
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.7931, 0.3176, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 81.7931, 0.3176, 0.3260.

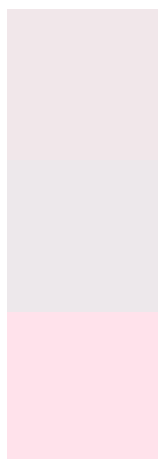


This preview shows how white text looks on a background with the Yxy color 81.7931, 0.3176, 0.3260.

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

81.7931, 0.3176, 0.3260

Protanopia

81.7159, 0.3142, 0.3259

Deuteranopia

81.6509, 0.3271, 0.3201



Tritanopia

81.8087, 0.3108, 0.3110

Trichromacy



Original Color

81.7931, 0.3176, 0.3260

Protanomaly

81.8885, 0.3149, 0.3259

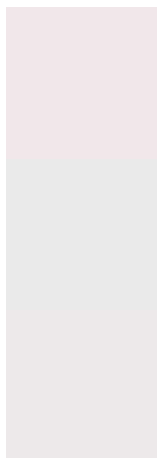
Deuteranomaly

81.8090, 0.3234, 0.3220

Tritanomaly

81.8817, 0.3133, 0.3169

Monochromacy



Original Color

81.7931, 0.3176, 0.3260

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.2229, 0.3148, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7931, 0.3176, 0.3260 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(241, 231, 234)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 234)  
}
```

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(241, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 234) }
```

Border

The CSS property to change the border of an element to Yxy 81.7931, 0.3176, 0.3260 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(241, 231, 234) }
```

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

```
.border{ border-color:rgb(241, 231, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7931, 0.3176, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 234) }
```

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

```
.background{ background-color: rgb(241,  
231, 234) }
```

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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