

Converting Colors

$Y_{xy}(81.2263, 0.3136, 0.3066)$

Have a look what the booklet for
Yxy(81.2263, 0.3136, 0.3066)
contains.

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Color

Yxy(81.1887, 0.3131, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	F8E2F9
RGB	248, 226, 249
RGB Percent	97%, 89%, 98%
CMY	0.0273, 0.1138, 0.0234
CMYK	0.00, 0.09, 0.00, 0.02
HSL	297°, 66%, 93%
HSV	297°, 9%, 98%
XYZ	83.0182, 81.1887, 100.9423
YIQ	235.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

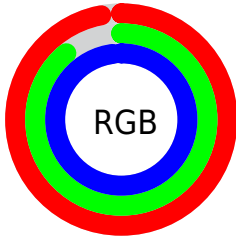
Format	Color
R_{YB}	248, 226, 249
Decimal	16311033
CIE _{Lab}	92.22, 11.50, -8.44
CIE _{LCh}	92, 14.265, 323.743
Yxy	81.1887, 0.3131, 0.3062
Android (android.graphics.Color)	4294501113 (0xFF8E2F9)
YUV	235.2000, 6.8034, 11.2256
Hunter-Lab	90.1048, 6.7780, -3.3479

Details

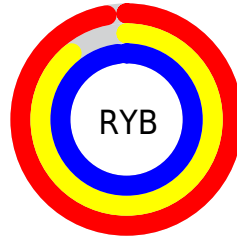
The Yxy color **81.1887, 0.3131, 0.3062** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.5908, 0.3122, 0.3528**, and the grayscale version is **83.1878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1825, 0.3131, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **68.4216, 0.3134, 0.2809**, and if you desaturate by 10%, it is **95.9308, 0.3127, 0.3308**.

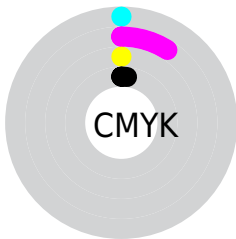
Distribution



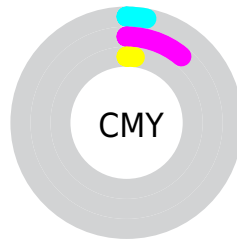
- Red (97%)
- Green (89%)
- Blue (98%)



- Red (97%)
- Yellow (89%)
- Blue (98%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)





- Cyan (3%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1887, 0.3131, 0.3062 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 81.1887, 0.3131, 0.3062 by changing the saturation by 10% instead.

 81.1887, 0.3131,
0.3062

 81.1887, 0.3131,
0.3062


498.9299, 0.3130,
0.3164

 60.6970, 0.3131,
0.3040


135.0357, 0.3131,
0.3097

 43.9807, 0.3131,
0.3012


169.1598, 0.3131,
0.3110

 30.6553, 0.3131,
0.2979


208.5968, 0.3131,
0.3122

 20.3365, 0.3130,
0.2935

253.7312, 0.3131,
0.3132

 12.6399, 0.3129,
0.2878

304.9473, 0.3130,
0.3142

 7.1811, 0.3127,
0.2799

362.6295, 0.3130,

 3.5756, 0.3123,

0.3150

0.2683

427.1622, 0.3130,
0.3157

■ 1.4391, 0.3112,
0.2496

■ 0.2453, 0.3180,
0.1518

■ 81.1887, 0.3131,
0.3062

■ 81.1887, 0.3131,
0.3062

■ 68.4216, 0.3134,
0.2809

■ 95.9308, 0.3127,
0.3308

■ 57.5346, 0.3136,
0.2555

■ 98.7211, 0.3132,
0.3347

■ 48.4406, 0.3137,
0.2309

■ 98.9215, 0.3138,
0.3347

■ 41.0417, 0.3135,
0.2081

■ 99.1230, 0.3145,
0.3347

35.2305, 0.3132,
0.1882

99.3257, 0.3152,
0.3347

30.8872, 0.3126,
0.1719

99.5295, 0.3159,
0.3347

27.8755, 0.3119,
0.1598

99.6215, 0.3162,
0.3347

26.0330, 0.3110,
0.1521

25.1123, 0.3100,
0.1483

Harmonies

Analogous

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



81.1887, 0.2970, 0.3012



81.1887, 0.3131, 0.3062



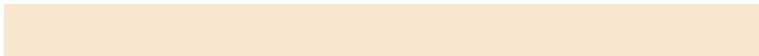
81.1887, 0.3295, 0.3168

Triad

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



81.1887, 0.3131, 0.3062



81.1887, 0.3406, 0.3547



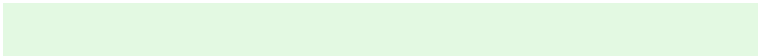
81.1887, 0.2847, 0.3262

Complementary

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



81.1887, 0.3131, 0.3062



89.5908, 0.3122, 0.3528

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.



81.1887, 0.2959, 0.3415



81.1887, 0.3131, 0.3062



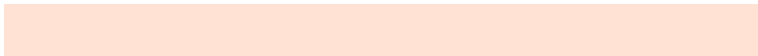
81.1887, 0.3280, 0.3582

Square

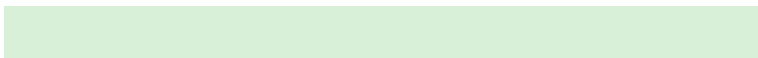
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



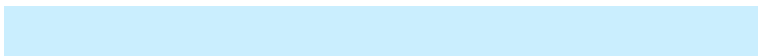
81.1887, 0.3131, 0.3062



81.1887, 0.3455, 0.3445



81.1887, 0.3117, 0.3534



81.1887, 0.2810, 0.3122

Rectangle

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



81.1887, 0.3131, 0.3062



81.1887, 0.3382, 0.3259



81.1887, 0.3117, 0.3534



81.1887, 0.2877, 0.3314

Sweetspot

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



81.1922, 0.3131, 0.3062



95.1529, 0.3128, 0.3217



78.0260, 0.2983, 0.3063



20.0963, 0.3129, 0.3197



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

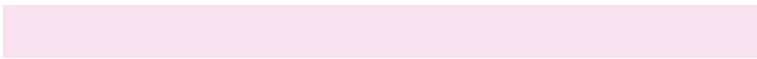
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1922, 0.3131, 0.3062



83.1607, 0.3132, 0.3018



80.7461, 0.3205, 0.3164



17.4839, 0.3131, 0.3056



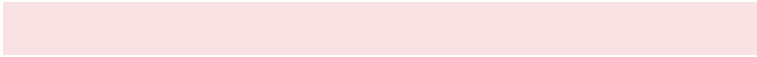
13.4261, 0.3101, 0.1482



1.2550, 0.3115, 0.1489

Inverse Universe

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



80.0795, 0.3283, 0.3280



81.7815, 0.3316, 0.3278



90.0152, 0.3056, 0.3420



17.2374, 0.3287, 0.3280



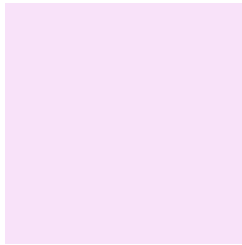
10.7984, 0.6356, 0.3275



1.0043, 0.6249, 0.3216

Previews

White Background



This preview shows how the Yxy color 81.1887, 0.3131, 0.3062 looks on a white background.

Color Contrast Check

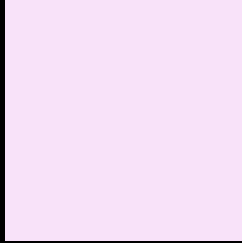
Large Text (above 18pt) WCAG AA × Fail

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 81.1887, 0.3131, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

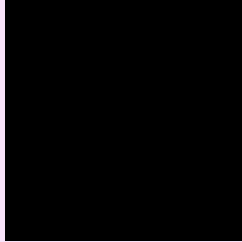
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

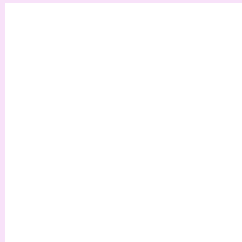
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1887, 0.3131, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 81.1887, 0.3131, 0.3062.

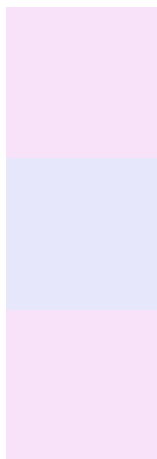


This preview shows how white text looks on a background with the Yxy color 81.1887, 0.3131, 0.3062.

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

81.1887, 0.3131, 0.3062

Protanopia

81.1690, 0.2998, 0.3076

Deuteranopia

81.1887, 0.3131, 0.3062



Tritanopia

81.3049, 0.3149, 0.3111

Trichromacy



Original Color

81.1887, 0.3131, 0.3062

Protanomaly

81.0082, 0.3043, 0.3068

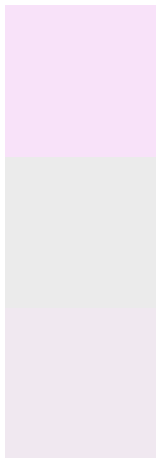
Deuteranomaly

81.1887, 0.3131, 0.3062

Tritanomaly

81.3661, 0.3143, 0.3101

Monochromacy



Original Color

81.1887, 0.3131, 0.3062

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.5298, 0.3131, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1887, 0.3131, 0.3062 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, 226, 249)` looks like.

```
.text, #text, p{  
    color:rgb(248, 226, 249)  
}
```

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, 226, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 226, 249) }
```

Border

The CSS property to change the border of an element to Yxy 81.1887, 0.3131, 0.3062 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, 226, 249) }
```

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

```
.border{ border-color:rgb(248, 226, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 226, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 226, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 226, 249);  
box-shadow:4px 4px 4px 4px rgb(248, 226,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1887, 0.3131, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 226, 249) }
```

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

```
.background{ background-color: rgb(248,  
226, 249) }
```

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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