

Converting Colors

Yxy(81.2662, 0.3177, 0.3123)

Have a look what the booklet for
Yxy(81.2662, 0.3177, 0.3123)
contains.

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Color

Yxy(81.0035, 0.3177, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	F9E2F3
RGB	249, 226, 243
RGB Percent	98%, 89%, 95%
CMY	0.0233, 0.1138, 0.0471
CMYK	0.00, 0.09, 0.02, 0.02
HSL	316°, 66%, 93%
HSV	316°, 9%, 98%
XYZ	82.4569, 81.0035, 96.0830
YIQ	234.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

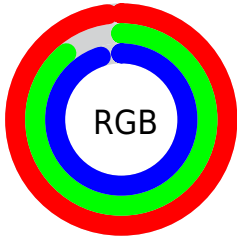
Format	Color
R _{YB}	249, 226, 243
Decimal	16376563
CIE Lab	92.13, 10.78, -5.40
CIE LCh	92, 12.054, 333.400
Yxy	81.0035, 0.3177, 0.3121
Android (android.graphics.Color)	4294566643 (0xFF9E2F3)
YUV	234.8150, 4.0352, 12.4402
Hunter-Lab	90.0019, 6.0327, -0.2946

Details

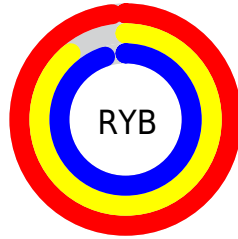
The Yxy color **81.0035, 0.3177, 0.3121** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.7850, 0.3081, 0.3465**, and the grayscale version is **82.9010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0511, 0.3190, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **68.0442, 0.3240, 0.2931**, and if you desaturate by 10%, it is **95.9512, 0.3124, 0.3303**.

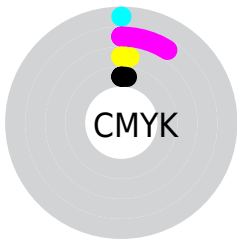
Distribution



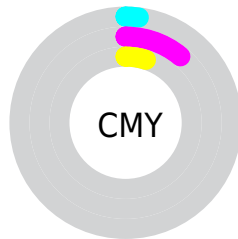
- Red (98%)
- Green (89%)
- Blue (95%)



- Red (98%)
- Yellow (89%)
- Blue (95%)



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




- Cyan (2%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0035, 0.3177, 0.3121 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 81.0035, 0.3177, 0.3121 by changing the saturation by 10% instead.

 81.0035, 0.3177,
0.3121

 81.0035, 0.3177,
0.3121

498.3083, 0.3155,
0.3197

 60.5445, 0.3182,
0.3104


134.7757, 0.3170,
0.3147

 43.8577, 0.3188,
0.3084


168.8576, 0.3167,
0.3157

 30.5586, 0.3195,
0.3058


208.2494, 0.3164,
0.3166

 20.2630, 0.3204,
0.3026

253.3352, 0.3162,
0.3174

 12.5864, 0.3217,
0.2983

304.4997, 0.3160,
0.3180

 7.1443, 0.3233,
0.2922

362.1271, 0.3158,

 3.5525, 0.3258,

0.3186

0.2833

426.6018, 0.3156,
0.3192

■ 1.4265, 0.3297,
0.2687

■ 0.2362, 0.3590,
0.1739

■ 81.0035, 0.3177,
0.3121

■ 81.0035, 0.3177,
0.3121

■ 68.0442, 0.3240,
0.2931

■ 95.9512, 0.3124,
0.3303

■ 56.9782, 0.3312,
0.2738

■ 98.8912, 0.3091,
0.3290

■ 47.7184, 0.3395,
0.2549

■ 40.1664, 0.3488,
0.2371

■ 34.2148, 0.3589,
0.2214

■ 29.7436, 0.3696,
0.2091

■ 26.6161, 0.3805,
0.2010

■ 24.6700, 0.3914,
0.1977

■ 23.6569, 0.4018,
0.1990

Harmonies

Analogous

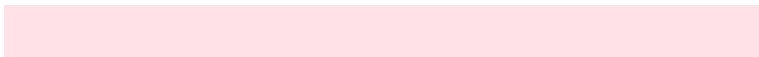
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0035, 0.3036, 0.3061



81.0035, 0.3177, 0.3121



81.0035, 0.3307, 0.3223

Triad

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



81.0035, 0.3177, 0.3121



81.0035, 0.3334, 0.3524



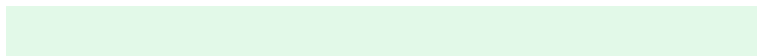
81.0035, 0.2872, 0.3226

Complementary

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



81.0035, 0.3177, 0.3121



89.7850, 0.3081, 0.3465

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.



81.0035, 0.2949, 0.3356



81.0035, 0.3177, 0.3121



81.0035, 0.3215, 0.3531

Square

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



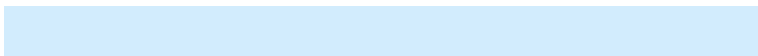
81.0035, 0.3177, 0.3121



81.0035, 0.3399, 0.3455



81.0035, 0.3073, 0.3469



81.0035, 0.2862, 0.3119

Rectangle

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



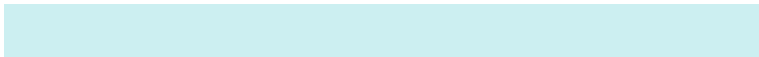
81.0035, 0.3177, 0.3121



81.0035, 0.3369, 0.3304



81.0035, 0.3073, 0.3469



81.0035, 0.2891, 0.3269

Sweetspot

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



81.0070, 0.3177, 0.3121



95.0871, 0.3142, 0.3236



78.3429, 0.3021, 0.3054



20.0785, 0.3147, 0.3222



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

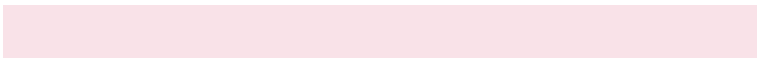
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0070, 0.3177, 0.3121



82.9254, 0.3187, 0.3088



80.3481, 0.3251, 0.3232



17.4421, 0.3178, 0.3117



12.6486, 0.4010, 0.1982



1.1889, 0.3892, 0.1918

Inverse Universe

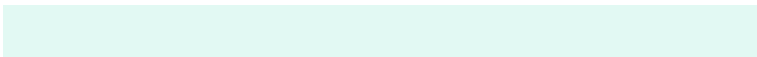
The Inverse Universe completely reimagines the original color for something new.



81.0070, 0.3177, 0.3121



82.9254, 0.3187, 0.3088



90.4450, 0.3016, 0.3348



17.4421, 0.3178, 0.3117



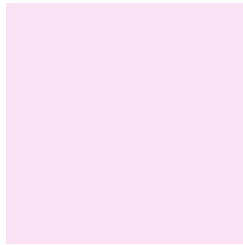
12.6486, 0.4010, 0.1982



1.1889, 0.3892, 0.1918

Previews

White Background



This preview shows how the Yxy color 81.0035, 0.3177, 0.3121 looks on a white background.

Color Contrast Check

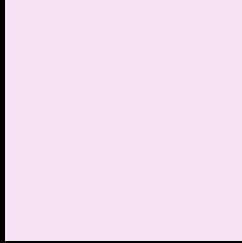
Large Text (above 18pt) WCAG AA × Fail

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 81.0035, 0.3177, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

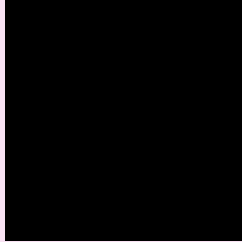
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

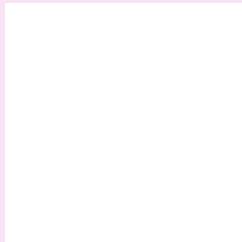
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0035, 0.3177, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 81.0035, 0.3177, 0.3121.



This preview shows how white text looks on a background with the Yxy color 81.0035, 0.3177, 0.3121.

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

81.0035, 0.3177, 0.3121

Protanopia

81.1293, 0.3047, 0.3137

Deuteranopia

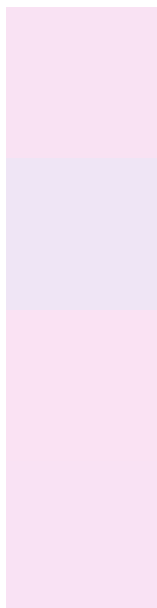
81.1878, 0.3183, 0.3122



Tritanopia

81.0641, 0.3170, 0.3111

Trichromacy



Original Color

81.0035, 0.3177, 0.3121

Protanomaly

80.9819, 0.3094, 0.3128

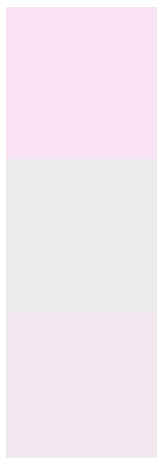
Deuteranomaly

81.1878, 0.3183, 0.3122

Tritanomaly

81.0641, 0.3170, 0.3111

Monochromacy



Original Color

81.0035, 0.3177, 0.3121

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.4115, 0.3144, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0035, 0.3177, 0.3121 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(249, 226, 243)` looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 243)  
}
```

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(249, 226, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 243) }
```

Border

The CSS property to change the border of an element to Yxy 81.0035, 0.3177, 0.3121 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(249, 226, 243) }
```

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

```
.border{ border-color:rgb(249, 226, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 226, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0035, 0.3177, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 243) }
```

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

```
.background{ background-color: rgb(249,  
226, 243) }
```

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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