

Converting Colors

$Y_{xy}(100.0000, 0.3726, 0.3057)$

Have a look what the booklet for
Yxy(100.0000, 0.3726, 0.3057)
contains.

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Color

Yxy(81.0636, 0.3161, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFFC
RGB	255, 223, 252
RGB Percent	100%, 87%, 99%
CMY	0.0001, 0.1254, 0.0118
CMYK	0.00, 0.13, 0.01, 0.00
HSL	306°, 100%, 94%
HSV	306°, 13%, 100%
XYZ	85.1868, 81.0636, 103.2429
YIQ	235.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

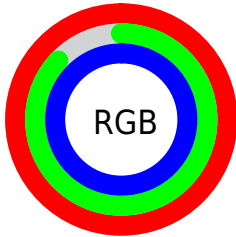
Format	Color
R _Y B	255, 223, 252
Decimal	16769020
CIE Lab	92.16, 15.87, -10.00
CIE LCh	92, 18.758, 327.775
Yxy	81.0636, 0.3161, 0.3008
Android (android.graphics.Color)	4294959100 (0xFFFFDFFC)
YUV	235.8740, 7.9501, 16.7735
Hunter-Lab	90.0353, 11.3258, -4.9627

Details

The Yxy color $81.0636, 0.3161, 0.3008$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92.6795, 0.3095, 0.3589$, and the grayscale version is $83.7111, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.9512, 0.3170, 0.2955$ is the 20% darker color. If you saturate the color by 10%, you get $68.3021, 0.3192, 0.2777$, and if you desaturate by 10%, it is $95.8854, 0.3134, 0.3234$.

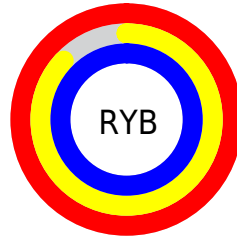
Distribution



Red (100%)

Green (87%)

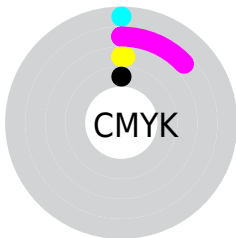
Blue (99%)



Red (100%)

Yellow (87%)

Blue (99%)

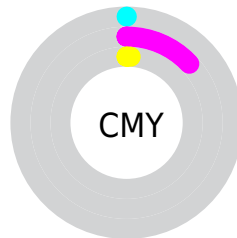


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0636, 0.3161, 0.3008 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 81.0636, 0.3161, 0.3008 by changing the saturation by 10% instead.


 81.0636, 0.3161,
0.3008

 81.0636, 0.3161,
0.3008

498.5100, 0.3147,
0.3133

 60.5940, 0.3164,
0.2981


134.8601, 0.3156,
0.3050

 43.8976, 0.3167,
0.2947

168.9557, 0.3155,
0.3067

 30.5900, 0.3171,
0.2906


208.3621, 0.3153,
0.3082

 20.2868, 0.3176,
0.2854

253.4638, 0.3151,
0.3095

 12.6037, 0.3182,
0.2785

304.6450, 0.3150,
0.3106

 7.1562, 0.3189,
0.2690

362.2902, 0.3149,

 3.5600, 0.3198,

0.3116

0.2553

426.7837, 0.3148,
0.3125

■ 1.4306, 0.3207,
0.2334

■ 0.2391, 0.3389,
0.1319

■ 81.0636, 0.3161,
0.3008

■ 81.0636, 0.3161,
0.3008

■ 68.3021, 0.3192,
0.2777

■ 95.8854, 0.3134,
0.3234

■ 57.4990, 0.3225,
0.2547

99.9933, 0.3127,
0.3290

■ 48.5596, 0.3261,
0.2327

■ 41.3768, 0.3298,
0.2127

■ 35.8333, 0.3336,
0.1956

■ 31.7968, 0.3374,
0.1824

■ 29.1151, 0.3409,
0.1735

■ 27.6036, 0.3441,
0.1691

■ 27.0353, 0.3464,
0.1682

Harmonies

Analogous

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



81.0636, 0.2946, 0.2932



81.0636, 0.3161, 0.3008



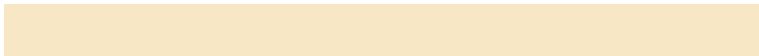
81.0636, 0.3373, 0.3153

Triad

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



81.0636, 0.3161, 0.3008



81.0636, 0.3476, 0.3640



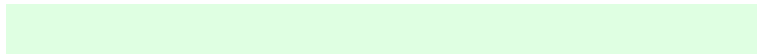
81.0636, 0.2749, 0.3224

Complementary

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



81.0636, 0.3161, 0.3008



92.6795, 0.3095, 0.3589

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.



81.0636, 0.2881, 0.3429



81.0636, 0.3161, 0.3008



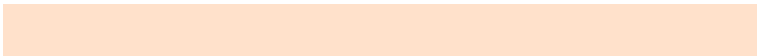
81.0636, 0.3300, 0.3675

Square

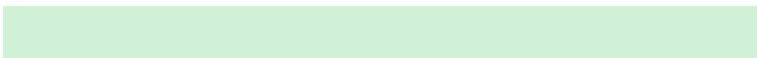
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0636, 0.3161, 0.3008



81.0636, 0.3558, 0.3513



81.0636, 0.3082, 0.3598



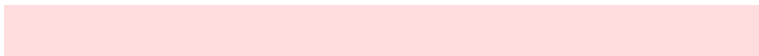
81.0636, 0.2714, 0.3047

Rectangle

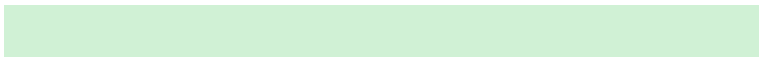
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0636, 0.3161, 0.3008



81.0636, 0.3482, 0.3273



81.0636, 0.3082, 0.3598



81.0636, 0.2783, 0.3292

Sweetspot

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



81.0671, 0.3161, 0.3008



93.6028, 0.3137, 0.3201



76.1213, 0.2944, 0.2961



19.7855, 0.3139, 0.3185



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.



81.0671, 0.3161, 0.3008



77.7496, 0.3168, 0.2951



80.1148, 0.3265, 0.3159



18.2695, 0.3152, 0.3077



14.1430, 0.3459, 0.1679



1.3852, 0.3427, 0.1661

Inverse Universe

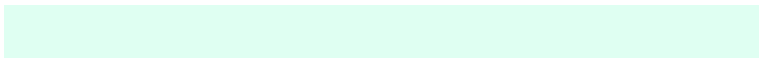
The Inverse Universe completely reimagines the original color for something new.



81.0671, 0.3161, 0.3008



77.7496, 0.3168, 0.2951



93.5788, 0.3007, 0.3425



18.2695, 0.3152, 0.3077



14.1430, 0.3459, 0.1679



1.3852, 0.3427, 0.1661

Previews

White Background



This preview shows how the Yxy color 81.0636, 0.3161, 0.3008 looks on a white background.

Color Contrast Check

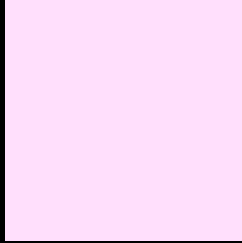
Large Text (above 18pt) WCAG AA × Fail

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 81.0636, 0.3161, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

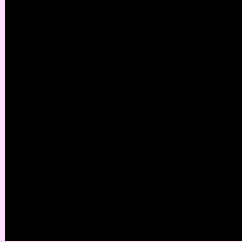
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0636, 0.3161, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 81.0636, 0.3161, 0.3008.

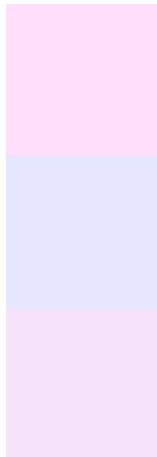


This preview shows how white text looks on a background with the Yxy color 81.0636, 0.3161, 0.3008.

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

81.0636, 0.3161, 0.3008

Protanopia

81.1948, 0.2973, 0.3046

Deuteranopia

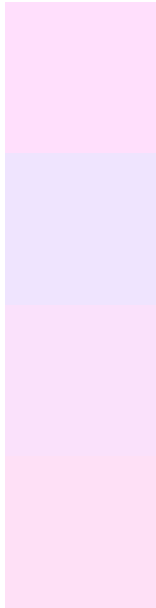
81.1319, 0.3111, 0.3043



Tritanopia

81.3321, 0.3219, 0.3123

Trichromacy



Original Color

81.0636, 0.3161, 0.3008

Protanomaly

80.9933, 0.3038, 0.3030

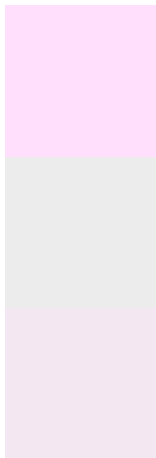
Deuteranomaly

81.1395, 0.3132, 0.3034

Tritanomaly

81.0360, 0.3193, 0.3074

Monochromacy



Original Color

81.0636, 0.3161, 0.3008

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

82.6173, 0.3139, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0636, 0.3161, 0.3008 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(255, 223, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 252)  
}
```

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(255, 223, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 252) }
```

Border

The CSS property to change the border of an element to Yxy 81.0636, 0.3161, 0.3008 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(255, 223, 252) }
```

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

```
.border{ border-color:rgb(255, 223, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0636, 0.3161, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 252) }
```

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

```
.background{ background-color: rgb(255,  
223, 252) }
```

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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