

Converting Colors

Yxy(81.0449, 0.3284, 0.3241)

Have a look what the booklet for
Yxy(81.0449, 0.3284, 0.3241)
contains.

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Color

Yxy(81.0449, 0.3284, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	FDE2E7
RGB	253, 226, 231
RGB Percent	99%, 89%, 91%
CMY	0.0079, 0.1137, 0.0942
CMYK	0.00, 0.11, 0.09, 0.01
HSL	349°, 87%, 94%
HSV	349°, 11%, 99%
XYZ	82.1202, 81.0449, 86.8963
YIQ	234.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

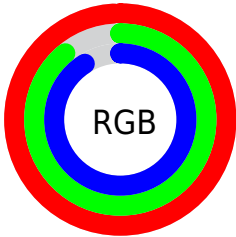
Format	Color
R _Y B	253, 226, 231
Decimal	16638695
CIE Lab	92.15, 10.05, 0.95
CIE LCh	92, 10.094, 5.425
Yxy	81.0449, 0.3284, 0.3241
Android (android.graphics.Color)	4294828775 (0xFFFDE2E7)
YUV	234.6430, -1.7960, 16.0991
Hunter-Lab	90.0249, 5.2829, 5.7879

Details

The Yxy color **81.0449, 0.3284, 0.3241** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.1897, 0.2990, 0.3340**, and the grayscale version is **82.7978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9567, 0.3321, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **67.1904, 0.3468, 0.3192**, and if you desaturate by 10%, it is **97.0740, 0.3136, 0.3287**.

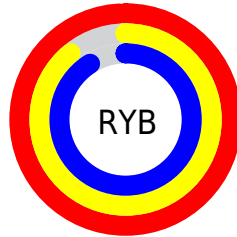
Distribution



Red (99%)

Green (89%)

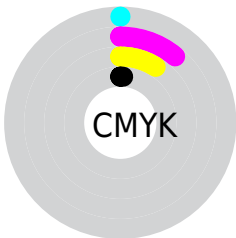
Blue (91%)



Red (99%)

Yellow (89%)

Blue (91%)

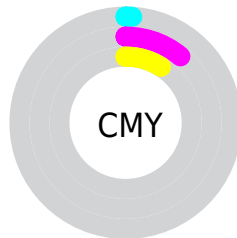


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0449, 0.3284, 0.3241 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 81.0449, 0.3284, 0.3241 by changing the saturation by 10% instead.


 81.0449, 0.3284,
0.3241

 81.0449, 0.3284,
0.3241


498.4473, 0.3213,
0.3264

 60.5786, 0.3300,
0.3236

134.8338, 0.3259,
0.3249

 43.8852, 0.3320,
0.3230


168.9252, 0.3250,
0.3252

 30.5802, 0.3344,
0.3222


208.3270, 0.3242,
0.3254

 20.2794, 0.3376,
0.3211

253.4238, 0.3234,
0.3257

 12.5983, 0.3419,
0.3197

304.5998, 0.3228,
0.3259

 7.1525, 0.3480,
0.3178

362.2394, 0.3222,

 3.5577, 0.3574,

0.3261

0.3147

426.7271, 0.3217,
0.3262

■ 1.4293, 0.3733,
0.3094

■ 0.2382, 0.5226,
0.2639

■ 81.0449, 0.3284,
0.3241

■ 81.0449, 0.3284,
0.3241

■ 67.1904, 0.3468,
0.3192

■ 97.0740, 0.3136,
0.3287

■ 55.4064, 0.3695,
0.3141

■ 99.6194, 0.3115,
0.3290

■ 45.5965, 0.3974,
0.3092

■ 37.6522, 0.4307,
0.3049

■ 31.4545, 0.4693,
0.3019

■ 26.8708, 0.5114,
0.3012

■ 23.7492, 0.5533,
0.3035

■ 21.9086, 0.5899,
0.3092

■ 21.0808, 0.6154,
0.3164

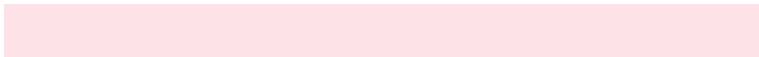
Harmonies

Analogous

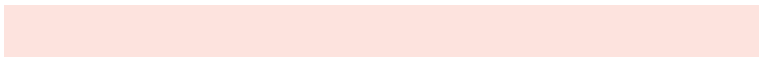
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0449, 0.3177, 0.3153



81.0449, 0.3284, 0.3241



81.0449, 0.3349, 0.3343

Triad

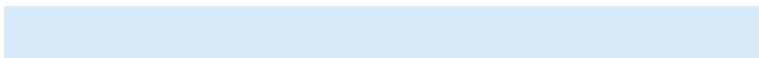
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0449, 0.3284, 0.3241



81.0449, 0.3193, 0.3489



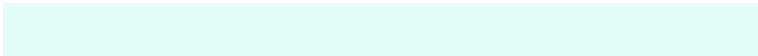
81.0449, 0.2906, 0.3142

Complementary

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



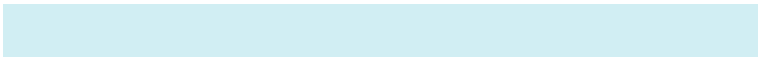
81.0449, 0.3284, 0.3241



93.1897, 0.2990, 0.3340

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.



81.0449, 0.2911, 0.3230



81.0449, 0.3284, 0.3241



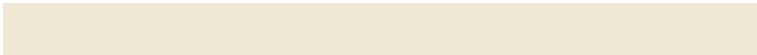
81.0449, 0.3075, 0.3434

Square

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



81.0449, 0.3284, 0.3241



81.0449, 0.3295, 0.3488



81.0449, 0.2972, 0.3338



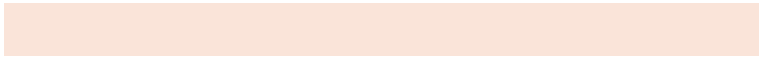
81.0449, 0.2960, 0.3095

Rectangle

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



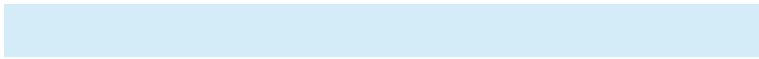
81.0449, 0.3284, 0.3241



81.0449, 0.3359, 0.3406



81.0449, 0.2972, 0.3338



81.0449, 0.2901, 0.3168

Sweetspot

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



81.0485, 0.3284, 0.3241



94.8202, 0.3168, 0.3277



81.3732, 0.3103, 0.3024



20.0066, 0.3179, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

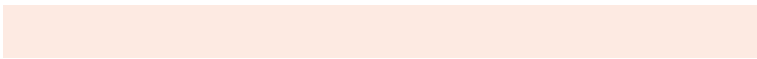
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0485, 0.3284, 0.3241



79.0214, 0.3324, 0.3230



85.2769, 0.3308, 0.3371



18.0416, 0.3265, 0.3247



11.2312, 0.6121, 0.3146



1.1075, 0.5831, 0.2986

Inverse Universe

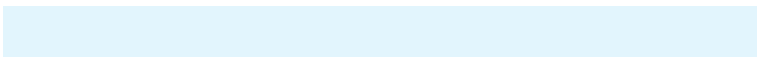
The Inverse Universe completely reimagines the original color for something new.



81.0485, 0.3284, 0.3241



79.0214, 0.3324, 0.3230



88.5018, 0.2962, 0.3208



18.0416, 0.3265, 0.3247



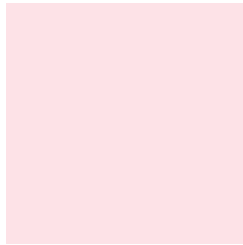
11.2312, 0.6121, 0.3146



1.1075, 0.5831, 0.2986

Previews

White Background



This preview shows how the Yxy color 81.0449, 0.3284, 0.3241 looks on a white background.

Color Contrast Check

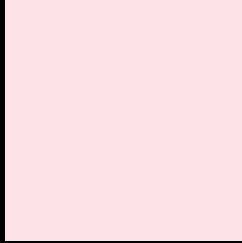
Large Text (above 18pt) WCAG AA × Fail

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 81.0449, 0.3284, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

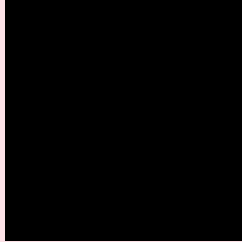
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0449, 0.3284, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 81.0449, 0.3284, 0.3241.

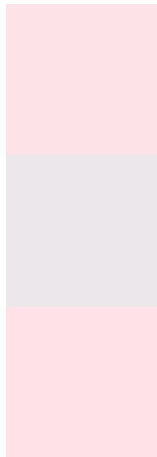


This preview shows how white text looks on a background with the Yxy color 81.0449, 0.3284, 0.3241.

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

81.0449, 0.3284, 0.3241

Protanopia

80.9252, 0.3142, 0.3259

Deuteranopia

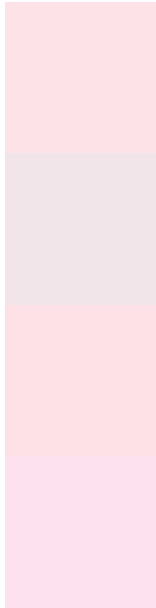
80.8799, 0.3299, 0.3231



Tritanopia

80.7929, 0.3219, 0.3113

Trichromacy



Original Color

81.0449, 0.3284, 0.3241

Protanomaly

80.7991, 0.3191, 0.3250

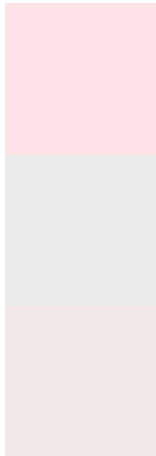
Deuteranomaly

80.6908, 0.3292, 0.3231

Tritanomaly

81.0943, 0.3245, 0.3162

Monochromacy



Original Color

81.0449, 0.3284, 0.3241

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.5310, 0.3183, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0449, 0.3284, 0.3241 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(253, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 226, 231)  
}
```

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(253, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 226, 231) }
```

Border

The CSS property to change the border of an element to Yxy 81.0449, 0.3284, 0.3241 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(253, 226, 231) }
```

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

```
.border{ border-color:rgb(253, 226, 231) }
```

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

Here you see how a box with a 4 pixel rgb(253, 226, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 226,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0449, 0.3284, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 226, 231) }
```

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

```
.background{ background-color: rgb(253,  
226, 231) }
```

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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