

Converting Colors

Yxy(81.0036, 0.3182, 0.3160)

Have a look what the booklet for
Yxy(81.0036, 0.3182, 0.3160)
contains.

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Color

Yxy(81.0036, 0.3182, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	F7E3F0
RGB	247, 227, 240
RGB Percent	97%, 89%, 94%
CMY	0.0312, 0.1098, 0.0588
CMYK	0.00, 0.08, 0.03, 0.03
HSL	321°, 56%, 93%
HSV	321°, 8%, 97%
XYZ	81.5675, 81.0036, 93.7694
YIQ	234.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

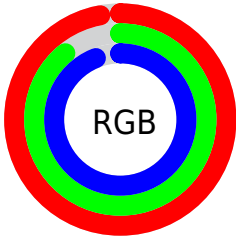
Format	Color
R _Y B	247, 227, 240
Decimal	16245744
CIE Lab	92.13, 9.06, -3.84
CIE LCh	92, 9.839, 336.998
Yxy	81.0036, 0.3182, 0.3160
Android (android.graphics.Color)	4294435824 (0xFF7E3F0)
YUV	234.4620, 2.7302, 10.9958
Hunter-Lab	90.0020, 4.2685, 1.2296

Details

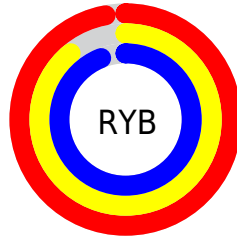
The Yxy color **81.0036, 0.3182, 0.3160** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.8258, 0.3076, 0.3424**, and the grayscale version is **82.6285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0421, 0.3197, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **67.9451, 0.3261, 0.2993**, and if you desaturate by 10%, it is **96.0328, 0.3116, 0.3319**.

Distribution



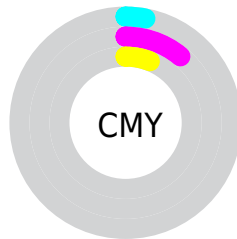
- Red (97%)
- Green (89%)
- Blue (94%)



- Red (97%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (3%)




- Cyan (3%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0036, 0.3182, 0.3160 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 81.0036, 0.3182, 0.3160 by changing the saturation by 10% instead.

 81.0036, 0.3182,
0.3160

 81.0036, 0.3182,
0.3160

498.3086, 0.3157,
0.3218

 60.5446, 0.3187,
0.3147


134.7758, 0.3174,
0.3180

 43.8577, 0.3194,
0.3131

168.8578, 0.3170,
0.3188

 30.5587, 0.3202,
0.3111

208.2495, 0.3167,
0.3195

 20.2630, 0.3213,
0.3086

253.3355, 0.3165,
0.3201

 12.5864, 0.3227,
0.3052

304.4999, 0.3163,
0.3206

 7.1444, 0.3247,
0.3005

362.1273, 0.3161,

 3.5525, 0.3276,

0.3211

0.2935

426.6021, 0.3159,
0.3215

■ 1.4266, 0.3325,
0.2818

■ 0.2362, 0.3689,
0.1956

■ 81.0036, 0.3182,
0.3160

■ 81.0036, 0.3182,
0.3160

■ 67.9451, 0.3261,
0.2993

■ 96.0328, 0.3116,
0.3319

■ 56.7642, 0.3354,
0.2821

■ 98.5236, 0.3078,
0.3290

■ 47.3761, 0.3462,
0.2651

■ 39.6852, 0.3586,
0.2490

■ 33.5870, 0.3724,
0.2347

■ 28.9654, 0.3874,
0.2235

■ 25.6883, 0.4031,
0.2164

■ 23.5998, 0.4189,
0.2143

■ 22.4854, 0.4342,
0.2173

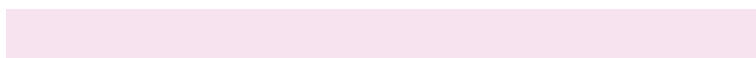
Harmonies

Analogous

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



81.0036, 0.3066, 0.3106



81.0036, 0.3182, 0.3160



81.0036, 0.3285, 0.3247

Triad

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



81.0036, 0.3182, 0.3160



81.0036, 0.3287, 0.3485



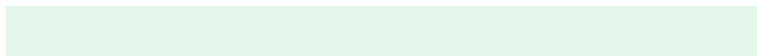
81.0036, 0.2914, 0.3227

Complementary

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



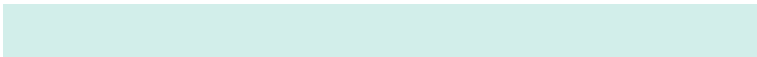
81.0036, 0.3182, 0.3160



88.8258, 0.3076, 0.3424

Split Complementary

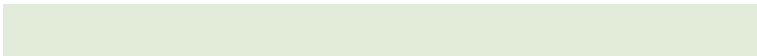
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0036, 0.2971, 0.3331



81.0036, 0.3182, 0.3160



81.0036, 0.3185, 0.3482

Square

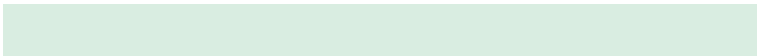
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0036, 0.3182, 0.3160



81.0036, 0.3346, 0.3434



81.0036, 0.3070, 0.3426



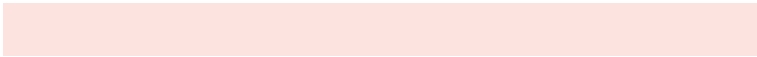
81.0036, 0.2913, 0.3142

Rectangle

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



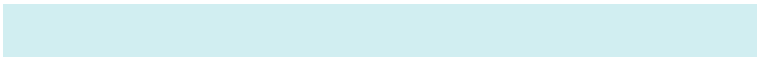
81.0036, 0.3182, 0.3160



81.0036, 0.3331, 0.3314



81.0036, 0.3070, 0.3426



81.0036, 0.2928, 0.3261

Sweetspot

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



81.0071, 0.3182, 0.3160



96.6741, 0.3140, 0.3259



79.1455, 0.3048, 0.3085



20.7271, 0.3139, 0.3260



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

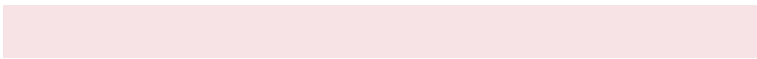
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0071, 0.3182, 0.3160



84.2314, 0.3196, 0.3129



80.4292, 0.3248, 0.3260



16.6635, 0.3192, 0.3138



11.8304, 0.4347, 0.2168



1.0592, 0.4166, 0.2069

Inverse Universe

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



81.0071, 0.3182, 0.3160



84.2314, 0.3196, 0.3129



89.4169, 0.3018, 0.3320



16.6635, 0.3192, 0.3138



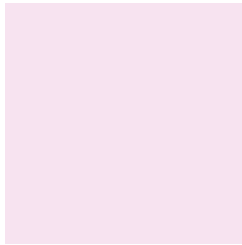
11.8304, 0.4347, 0.2168



1.0592, 0.4166, 0.2069

Previews

White Background



This preview shows how the Yxy color 81.0036, 0.3182, 0.3160 looks on a white background.

Color Contrast Check

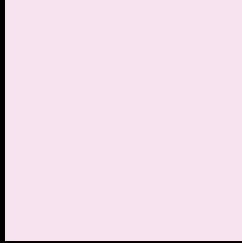
Large Text (above 18pt) WCAG AA × Fail

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 81.0036, 0.3182, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

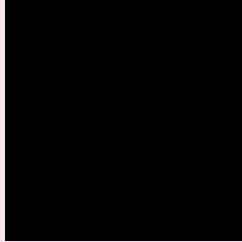
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

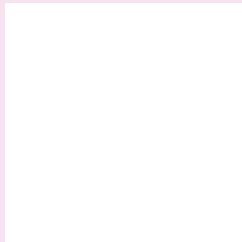
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0036, 0.3182, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 81.0036, 0.3182, 0.3160.

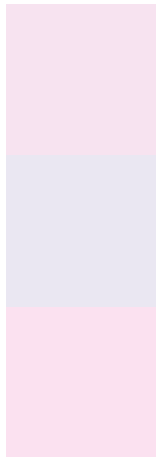


This preview shows how white text looks on a background with the Yxy color 81.0036, 0.3182, 0.3160.

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

81.0036, 0.3182, 0.3160

Protanopia

81.0551, 0.3079, 0.3177

Deuteranopia

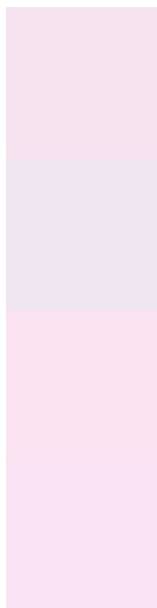
80.6509, 0.3211, 0.3141



Tritanopia

80.8808, 0.3163, 0.3111

Trichromacy



Original Color

81.0036, 0.3182, 0.3160

Protanomaly

81.2952, 0.3119, 0.3178

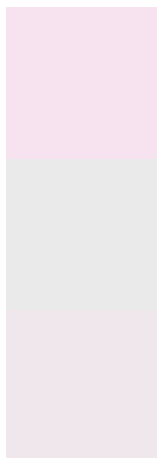
Deuteranomaly

81.0080, 0.3203, 0.3151

Tritanomaly

80.8202, 0.3170, 0.3121

Monochromacy



Original Color

81.0036, 0.3182, 0.3160

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5587, 0.3150, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0036, 0.3182, 0.3160 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(247, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 227, 240)  
}
```

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(247, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 227, 240) }
```

Border

The CSS property to change the border of an element to Yxy 81.0036, 0.3182, 0.3160 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(247, 227, 240) }
```

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

```
.border{ border-color:rgb(247, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 227,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0036, 0.3182, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 227, 240) }
```

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

```
.background{ background-color: rgb(247,  
227, 240) }
```

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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