

Converting Colors

Yxy(81.4391, 0.3138, 0.3428)

Have a look what the booklet for
Yxy(81.4391, 0.3138, 0.3428)
contains.

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Color

Yxy(81.4874, 0.3141, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	E2ECDF
RGB	226, 236, 223
RGB Percent	89%, 93%, 87%
CMY	0.1136, 0.0745, 0.1255
CMYK	0.04, 0.00, 0.06, 0.07
HSL	106°, 25%, 90%
HSV	106°, 6%, 93%
XYZ	74.6869, 81.4874, 81.6063
YIQ	231.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

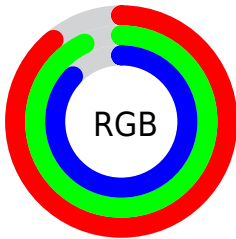
Format	Color
R _Y B	223, 236, 233
Decimal	14871775
CIE Lab	92.35, -5.62, 5.14
CIE LCh	92, 7.617, 137.593
Yxy	81.4874, 0.3141, 0.3427
Android (android.graphics.Color)	4293061855 (0xFFE2ECDF)
YUV	231.5280, -4.2043, -4.8481
Hunter-Lab	90.2704, -10.2878, 9.5899

Details

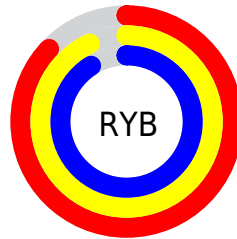
The Yxy color **81.4874, 0.3141, 0.3427** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1516, 0.3112, 0.3155**, and the grayscale version is **80.3639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1276, 0.3145, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **77.5321, 0.3165, 0.3699**, and if you desaturate by 10%, it is **85.9359, 0.3116, 0.3185**.

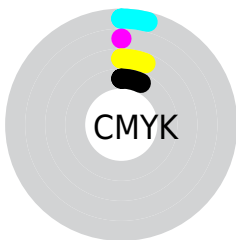
Distribution



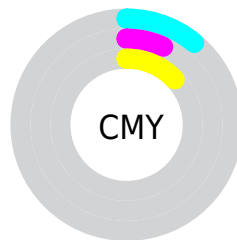
- Red (89%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.4874, 0.3141, 0.3427 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 81.4874, 0.3141, 0.3427 by changing the saturation by 10% instead.

81.4874, 0.3141,
0.3427

81.4874, 0.3141,
0.3427

499.9314, 0.3135,
0.3364

60.9431, 0.3142,
0.3441

135.4549, 0.3139,
0.3405

44.1792, 0.3144,
0.3459

169.6469, 0.3138,
0.3397

30.8115, 0.3146,
0.3481

209.1570, 0.3138,
0.3390

20.4553, 0.3148,
0.3509

254.3695, 0.3137,
0.3383

12.7264, 0.3151,
0.3548

305.6687, 0.3136,
0.3378

7.2404, 0.3155,
0.3603

363.4392, 0.3136,

3.6129, 0.3160,

0.3373

0.3689

428.0653, 0.3135,
0.3368

■ 1.4595, 0.3167,
0.3838

■ 0.2600, 0.2969,
0.7031

■ 81.4874, 0.3141,
0.3427

■ 81.4874, 0.3141,
0.3427

■ 77.5321, 0.3165,
0.3699

■ 85.9359, 0.3116,
0.3185

■ 74.0426, 0.3186,
0.3998

■ 88.4686, 0.3136,
0.3107

■ 71.0047, 0.3202,
0.4320

■ 68.3993, 0.3212,
0.4655

■ 66.2061, 0.3211,
0.4988

■ 64.4030, 0.3200,
0.5299

■ 62.9656, 0.3176,
0.5565

■ 61.8668, 0.3142,
0.5768

■ 61.0745, 0.3100,
0.5896

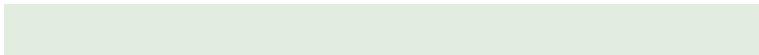
Harmonies

Analogous

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



81.4874, 0.3226, 0.3444



81.4874, 0.3141, 0.3427



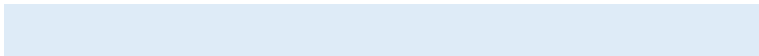
81.4874, 0.3054, 0.3371

Triad

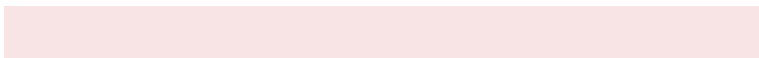
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4874, 0.3141, 0.3427



81.4874, 0.2972, 0.3160



81.4874, 0.3270, 0.3285

Complementary

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



81.4874, 0.3141, 0.3427



76.1516, 0.3112, 0.3155

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.



81.4874, 0.3200, 0.3211



81.4874, 0.3141, 0.3427



81.4874, 0.3028, 0.3139

Square

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



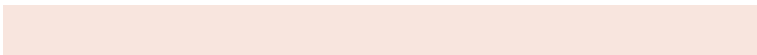
81.4874, 0.3141, 0.3427



81.4874, 0.2957, 0.3216



81.4874, 0.3112, 0.3158



81.4874, 0.3301, 0.3361

Rectangle

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



81.4874, 0.3141, 0.3427



81.4874, 0.3005, 0.3320



81.4874, 0.3112, 0.3158



81.4874, 0.3250, 0.3259

Sweetspot

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



81.4909, 0.3141, 0.3427



98.9417, 0.3132, 0.3339



81.4179, 0.3211, 0.3393



21.1887, 0.3132, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

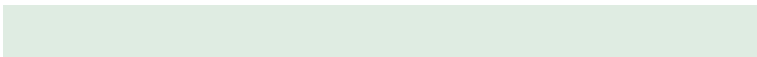
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4909, 0.3141, 0.3427



96.3992, 0.3145, 0.3467



81.1940, 0.3099, 0.3391



17.1953, 0.3146, 0.3481



33.5652, 0.3090, 0.5928



2.6784, 0.3184, 0.5854

Inverse Universe

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



76.1516, 0.3112, 0.3155



88.3541, 0.3108, 0.3117



76.4664, 0.3156, 0.3191



15.6512, 0.3106, 0.3103



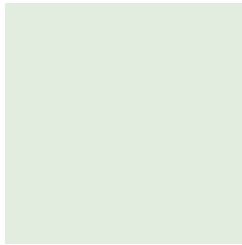
8.8117, 0.2626, 0.1220



0.7348, 0.2710, 0.1267

Previews

White Background



This preview shows how the Yxy color 81.4874, 0.3141, 0.3427 looks on a white background.

Color Contrast Check

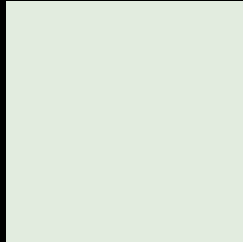
Large Text (above 18pt) WCAG AA × Fail

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 81.4874, 0.3141, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

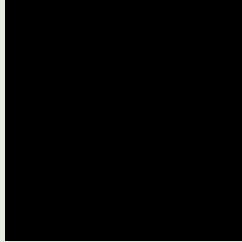
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

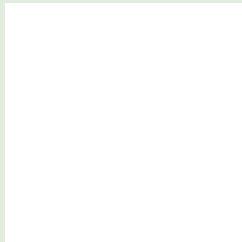
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4874, 0.3141, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 81.4874, 0.3141, 0.3427.

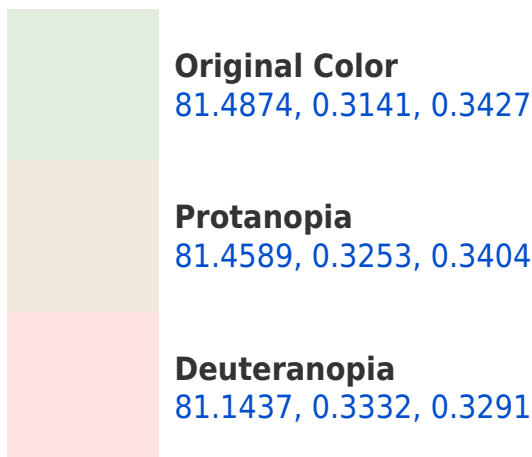


This preview shows how white text looks on a background with the Yxy color 81.4874, 0.3141, 0.3427.

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

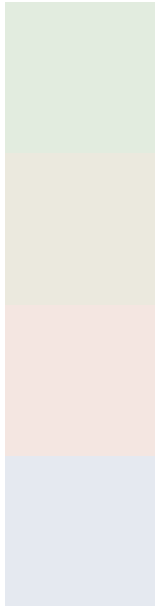




Tritanopia

81.4383, 0.3003, 0.3106

Trichromacy



Original Color

81.4874, 0.3141, 0.3427

Protanomaly

81.2139, 0.3210, 0.3405

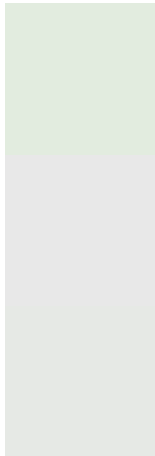
Deuteranomaly

81.2630, 0.3256, 0.3341

Tritanomaly

81.2271, 0.3057, 0.3217

Monochromacy



Original Color

81.4874, 0.3141, 0.3427

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.7580, 0.3132, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4874, 0.3141, 0.3427 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(226, 236, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 236, 223)  
}
```

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(226, 236, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 236, 223) }
```

Border

The CSS property to change the border of an element to Yxy 81.4874, 0.3141, 0.3427 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(226, 236, 223) }
```

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

```
.border{ border-color:rgb(226, 236, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 236, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 236, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 236, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 236,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4874, 0.3141, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 236, 223) }
```

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

```
.background{ background-color: rgb(226,  
236, 223) }
```

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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