

Converting Colors

$Yxy(81.0109, 0.3085, 0.3419)$

Have a look what the booklet for
Yxy(81.0109, 0.3085, 0.3419)
contains.

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Color

Yxy(81.0647, 0.3082, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	DBEDE1
RGB	219, 237, 225
RGB Percent	86%, 93%, 88%
CMY	0.1410, 0.0706, 0.1177
CMYK	0.08, 0.00, 0.05, 0.07
HSL	140°, 33%, 89%
HSV	140°, 8%, 93%
XYZ	73.0958, 81.0647, 83.0095
YIQ	230.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

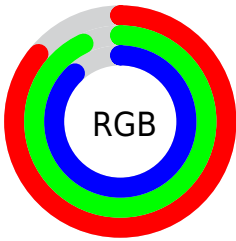
Format	Color
R _Y B	219, 233, 237
Decimal	14413281
CIE Lab	92.16, -8.11, 3.78
CIE LCh	92, 8.951, 155.037
Yxy	81.0647, 0.3082, 0.3418
Android (android.graphics.Color)	4292603361 (0xFFDBEDE1)
YUV	230.2500, -2.5882, -9.8663
Hunter-Lab	90.0359, -12.6474, 8.3622

Details

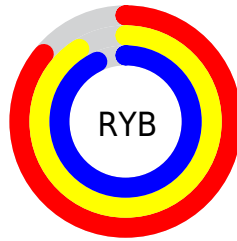
The Yxy color **81.0647, 0.3082, 0.3418** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.4655, 0.3175, 0.3165**, and the grayscale version is **79.3549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8425, 0.3069, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **76.8228, 0.3023, 0.3606**, and if you desaturate by 10%, it is **85.9174, 0.3142, 0.3252**.

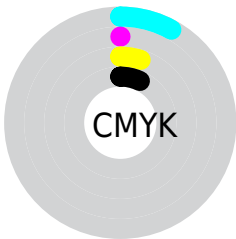
Distribution



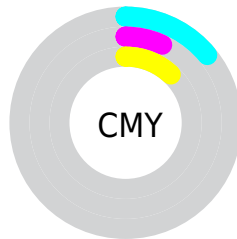
- Red (86%)
- Green (93%)
- Blue (88%)



- Red (86%)
- Yellow (91%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)





- Cyan (14%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0647, 0.3082, 0.3418 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 81.0647, 0.3082, 0.3418 by changing the saturation by 10% instead.


 81.0647, 0.3082,
0.3418

 81.0647, 0.3082,
0.3418

498.5137, 0.3103,
0.3359

 60.5949, 0.3077,
0.3431


134.8616, 0.3089,
0.3398

 43.8983, 0.3071,
0.3448


168.9575, 0.3092,
0.3390

 30.5906, 0.3064,
0.3468


208.3642, 0.3094,
0.3383

 20.2873, 0.3054,
0.3495

253.4661, 0.3097,
0.3377

 12.6040, 0.3041,
0.3532

304.6476, 0.3098,
0.3372

 7.1565, 0.3022,
0.3584

362.2931, 0.3100,

 3.5601, 0.2993,

0.3367

426.7870, 0.3102,
0.3363

0.3665

■ 1.4307, 0.2941,
0.3808

■ 0.2392, 0.1089,
0.8911

■ 81.0647, 0.3082,
0.3418

■ 81.0647, 0.3082,
0.3418

■ 76.8228, 0.3023,
0.3606

■ 85.9174, 0.3142,
0.3252

■ 73.1572, 0.2966,
0.3816

■ 89.0457, 0.3135,
0.3117

■ 70.0454, 0.2914,
0.4045

■ 67.4597, 0.2870,
0.4293

■ 65.3696, 0.2838,
0.4551

■ 63.7418, 0.2819,
0.4813

■ 62.5384, 0.2818,
0.5066

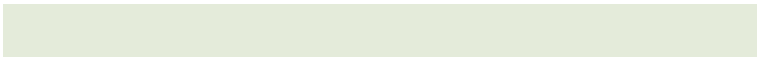
■ 61.7151, 0.2834,
0.5300

■ 61.2137, 0.2866,
0.5503

Harmonies

Analogous

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



81.0647, 0.3187, 0.3466



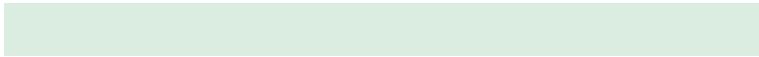
81.0647, 0.3082, 0.3418



81.0647, 0.2990, 0.3334

Triad

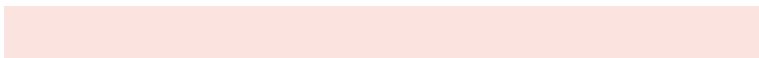
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0647, 0.3082, 0.3418



81.0647, 0.2978, 0.3117



81.0647, 0.3323, 0.3336

Complementary

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



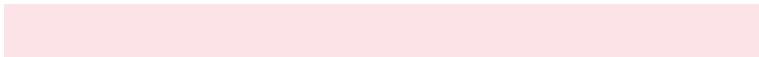
81.0647, 0.3082, 0.3418



74.4655, 0.3175, 0.3165

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.



81.0647, 0.3265, 0.3246



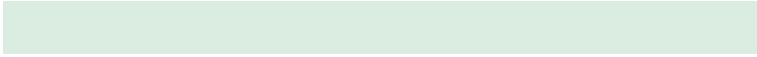
81.0647, 0.3082, 0.3418



81.0647, 0.3065, 0.3121

Square

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



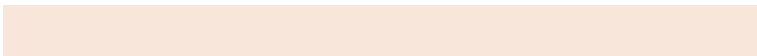
81.0647, 0.3082, 0.3418



81.0647, 0.2931, 0.3160



81.0647, 0.3170, 0.3167



81.0647, 0.3327, 0.3417

Rectangle

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



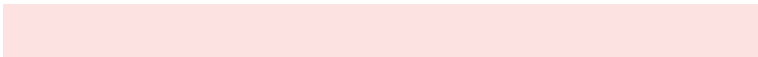
81.0647, 0.3082, 0.3418



81.0647, 0.2948, 0.3270



81.0647, 0.3170, 0.3167



81.0647, 0.3309, 0.3306

Sweetspot

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



81.0682, 0.3082, 0.3418



98.8275, 0.3115, 0.3323



82.7236, 0.3201, 0.3478



21.1654, 0.3116, 0.3321



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.



81.0682, 0.3082, 0.3418



94.9534, 0.3073, 0.3444



81.5569, 0.3029, 0.3324



16.9442, 0.3071, 0.3452



33.3921, 0.2866, 0.5518



2.6393, 0.2788, 0.5238

Inverse Universe

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



74.4655, 0.3175, 0.3165



85.7428, 0.3185, 0.3141



73.9842, 0.3234, 0.3256



15.2243, 0.3188, 0.3133



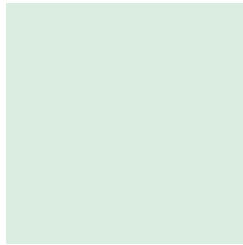
11.2168, 0.4260, 0.2120



0.8984, 0.4077, 0.2020

Previews

White Background



This preview shows how the Yxy color 81.0647, 0.3082, 0.3418 looks on a white background.

Color Contrast Check

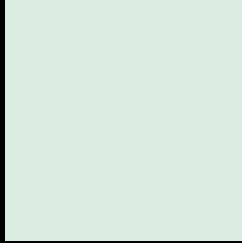
Large Text (above 18pt) WCAG AA × Fail

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 81.0647, 0.3082, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

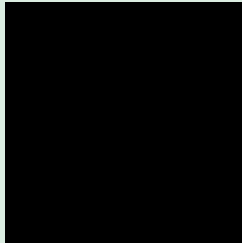
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

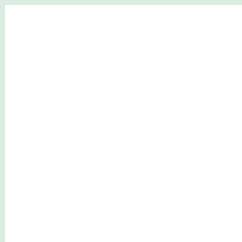
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0647, 0.3082, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 81.0647, 0.3082, 0.3418.

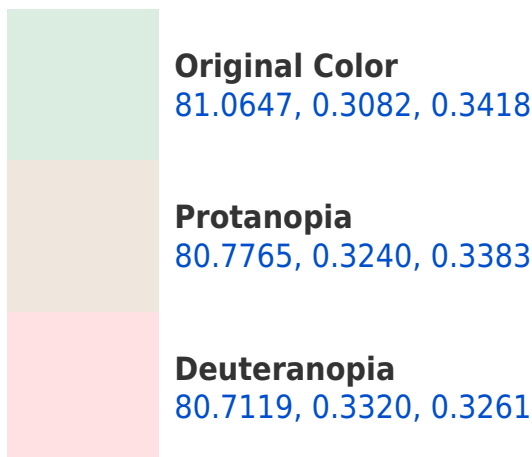


This preview shows how white text looks on a background with the Yxy color 81.0647, 0.3082, 0.3418.

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

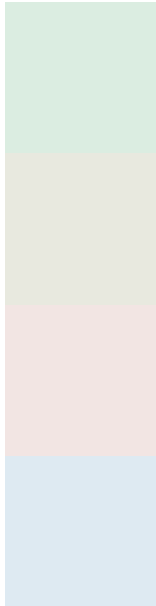




Tritanopia

80.9308, 0.2952, 0.3104

Trichromacy



Original Color

81.0647, 0.3082, 0.3418

Protanomaly

80.7613, 0.3183, 0.3395

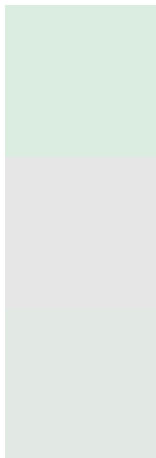
Deuteranomaly

80.4619, 0.3230, 0.3311

Tritanomaly

80.7860, 0.2999, 0.3206

Monochromacy



Original Color

81.0647, 0.3082, 0.3418

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.0480, 0.3111, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0647, 0.3082, 0.3418 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(219, 237, 225)` looks like.

```
.text, #text, p{  
    color:rgb(219, 237, 225)  
}
```

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(219, 237, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 237, 225) }
```

Border

The CSS property to change the border of an element to Yxy 81.0647, 0.3082, 0.3418 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(219, 237, 225) }
```

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

```
.border{ border-color:rgb(219, 237, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 237, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 237, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 237, 225);  
box-shadow:4px 4px 4px 4px rgb(219, 237,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0647, 0.3082, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 237, 225) }
```

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

```
.background{ background-color: rgb(219,  
237, 225) }
```

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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