

Converting Colors

$Yxy(81.2062, 0.3130, 0.3452)$

Have a look what the booklet for
Yxy(81.2062, 0.3130, 0.3452)
contains.

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Color

Yxy(81.4768, 0.3132, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	DFEDDD
RGB	223, 237, 221
RGB Percent	87%, 93%, 87%
CMY	0.1257, 0.0705, 0.1333
CMYK	0.06, 0.00, 0.07, 0.07
HSL	113°, 31%, 90%
HSV	113°, 7%, 93%
XYZ	73.7530, 81.4768, 80.2523
YIQ	230.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

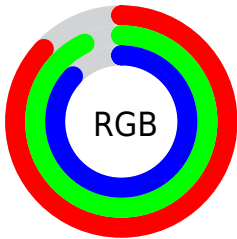
Format	Color
R _Y B	221, 237, 235
Decimal	14675421
CIE Lab	92.34, -7.53, 6.14
CIE LCh	92, 9.719, 140.829
Yxy	81.4768, 0.3132, 0.3460
Android (android.graphics.Color)	4292865501 (0xFFDFEDDD)
YUV	230.9900, -4.9251, -7.0072
Hunter-Lab	90.2645, -12.1147, 10.4716

Details

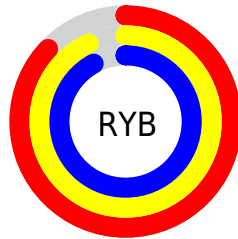
The Yxy color **81.4768, 0.3132, 0.3460** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.5128, 0.3121, 0.3124**, and the grayscale version is **79.9380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1258, 0.3135, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **77.1953, 0.3138, 0.3739**, and if you desaturate by 10%, it is **86.3515, 0.3125, 0.3214**.

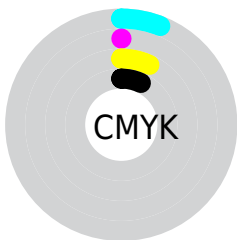
Distribution



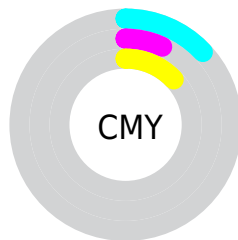
- Red (87%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (92%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.4768, 0.3132, 0.3460 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 81.4768, 0.3132, 0.3460 by changing the saturation by 10% instead.

 81.4768, 0.3132,
0.3460

 81.4768, 0.3132,
0.3460


499.8959, 0.3130,
0.3382

 60.9344, 0.3132,
0.3478


135.4401, 0.3131,
0.3433

 44.1722, 0.3133,
0.3499


169.6297, 0.3131,
0.3423

 30.8059, 0.3133,
0.3527


209.1371, 0.3131,
0.3413

 20.4511, 0.3133,
0.3563

254.3468, 0.3131,
0.3406

 12.7234, 0.3133,
0.3611

305.6432, 0.3131,
0.3399

 7.2383, 0.3133,
0.3681

363.4105, 0.3131,

 3.6116, 0.3131,

0.3392

0.3789

428.0333, 0.3130,
0.3387

■ 1.4588, 0.3125,
0.3979

■ 0.2594, 0.1945,
0.8055

■ 81.4768, 0.3132,
0.3460

■ 81.4768, 0.3132,
0.3460

■ 77.1953, 0.3138,
0.3739

■ 86.3515, 0.3125,
0.3214

■ 73.4742, 0.3141,
0.4048

■ 89.0613, 0.3135,
0.3117

■ 70.2935, 0.3140,
0.4383

■ 67.6279, 0.3135,
0.4731

■ 65.4501, 0.3124,
0.5076

■ 63.7302, 0.3107,
0.5393

■ 62.4351, 0.3085,
0.5657

■ 61.5268, 0.3059,
0.5848

■ 60.9604, 0.3032,
0.5956

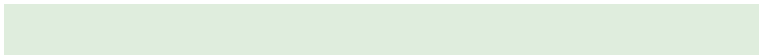
Harmonies

Analogous

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



81.4768, 0.3242, 0.3488



81.4768, 0.3132, 0.3460



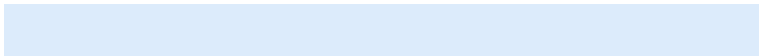
81.4768, 0.3022, 0.3384

Triad

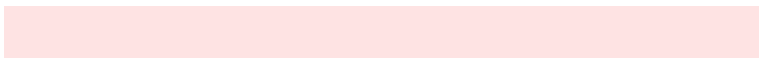
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4768, 0.3132, 0.3460



81.4768, 0.2935, 0.3119



81.4768, 0.3316, 0.3293

Complementary

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



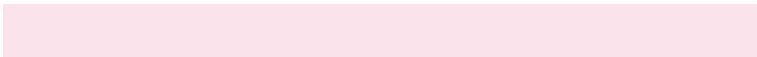
81.4768, 0.3132, 0.3460



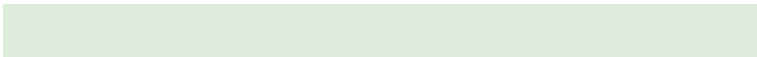
75.5128, 0.3121, 0.3124

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.



81.4768, 0.3231, 0.3199



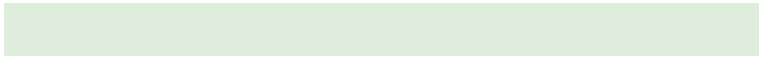
81.4768, 0.3132, 0.3460



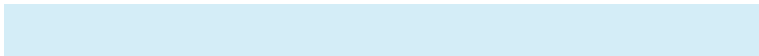
81.4768, 0.3011, 0.3099

Square

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



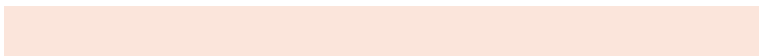
81.4768, 0.3132, 0.3460



81.4768, 0.2910, 0.3185



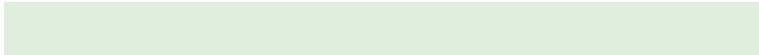
81.4768, 0.3119, 0.3128



81.4768, 0.3350, 0.3389

Rectangle

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



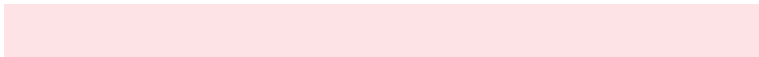
81.4768, 0.3132, 0.3460



81.4768, 0.2964, 0.3317



81.4768, 0.3119, 0.3128



81.4768, 0.3293, 0.3260

Sweetspot

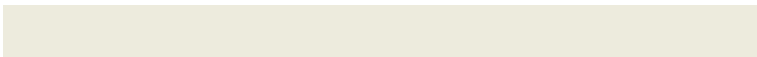
The Sweet Spot groups the original color and five complimentary colors.



81.4803, 0.3132, 0.3460



98.8349, 0.3129, 0.3339



82.5816, 0.3229, 0.3434



21.1669, 0.3129, 0.3337



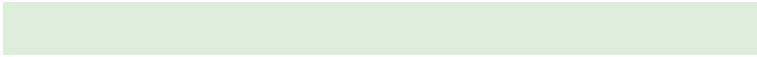
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

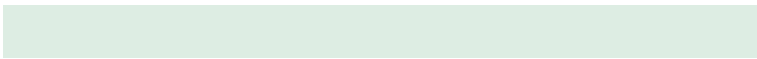
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4803, 0.3132, 0.3460



95.5089, 0.3133, 0.3494



81.4946, 0.3083, 0.3397



16.9489, 0.3134, 0.3532



33.2362, 0.3031, 0.5975



2.6382, 0.3096, 0.5924

Inverse Universe

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



75.5128, 0.3121, 0.3124



87.2054, 0.3120, 0.3092



75.5050, 0.3174, 0.3185



15.2165, 0.3119, 0.3057



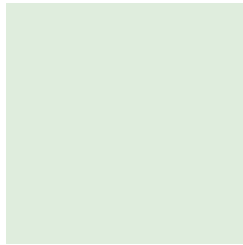
10.7367, 0.2908, 0.1376



0.8690, 0.2952, 0.1400

Previews

White Background



This preview shows how the Yxy color 81.4768, 0.3132, 0.3460 looks on a white background.

Color Contrast Check

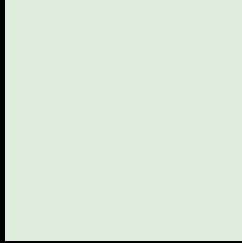
Large Text (above 18pt) WCAG AA × Fail

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 81.4768, 0.3132, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

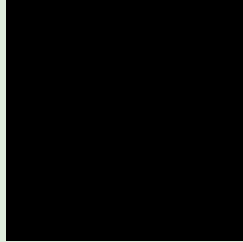
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

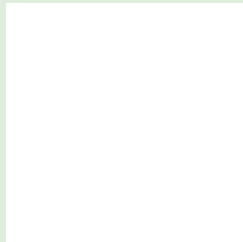
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4768, 0.3132, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 81.4768, 0.3132, 0.3460.

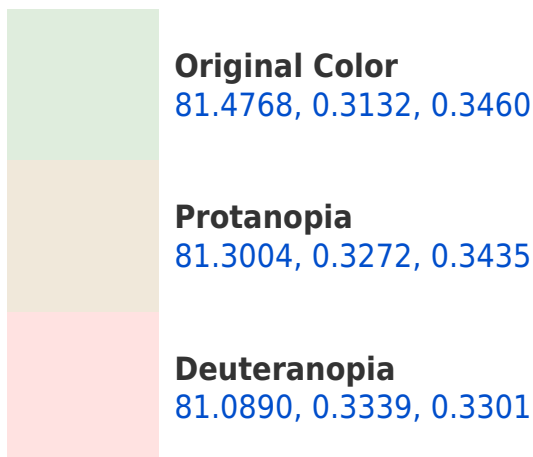


This preview shows how white text looks on a background with the Yxy color 81.4768, 0.3132, 0.3460.

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

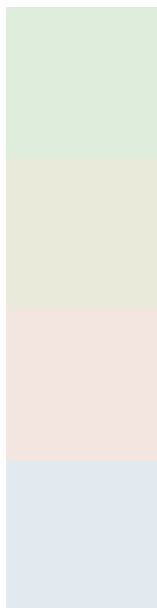




Tritanopia

81.7368, 0.2984, 0.3106

Trichromacy



Original Color

81.4768, 0.3132, 0.3460

Protanomaly

81.4525, 0.3222, 0.3447

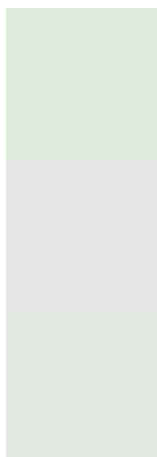
Deuteranomaly

81.0301, 0.3256, 0.3352

Tritanomaly

81.3057, 0.3037, 0.3227

Monochromacy



Original Color

81.4768, 0.3132, 0.3460

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.3179, 0.3131, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4768, 0.3132, 0.3460 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(223, 237, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 237, 221)  
}
```

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(223, 237, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 237, 221) }
```

Border

The CSS property to change the border of an element to Yxy 81.4768, 0.3132, 0.3460 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(223, 237, 221) }
```

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

```
.border{ border-color:rgb(223, 237, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 237, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 237, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 237, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 237,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4768, 0.3132, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 237, 221) }
```

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

```
.background{ background-color: rgb(223,  
237, 221) }
```

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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