

Converting Colors

Yxy(81.9914, 0.3151, 0.3337)

Have a look what the booklet for
Yxy(81.9914, 0.3151, 0.3337)
contains.

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Color

Yxy(81.8824, 0.3145, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	E9EAE6
RGB	233, 234, 230
RGB Percent	91%, 92%, 90%
CMY	0.0863, 0.0823, 0.0979
CMYK	0.00, 0.00, 0.02, 0.08
HSL	76°, 9%, 91%
HSV	76°, 2%, 92%
XYZ	77.3102, 81.8824, 86.6267
YIQ	233.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

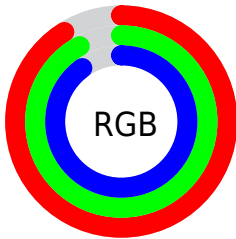
Format	Color
R _Y B	230, 234, 231
Decimal	15330022
CIE Lab	92.52, -1.04, 1.79
CIE LCh	93, 2.066, 120.142
Yxy	81.8824, 0.3145, 0.3331
Android (android.graphics.Color)	4293520102 (0xFFE9EAE6)
YUV	233.2450, -1.5998, -0.2149
Hunter-Lab	90.4889, -5.8522, 6.5828

Details

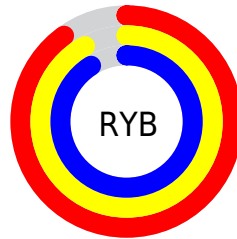
The Yxy color **81.8824, 0.3145, 0.3331** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.5620, 0.3109, 0.3249**, and the grayscale version is **81.6935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2830, 0.3143, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **79.6548, 0.3252, 0.3583**, and if you desaturate by 10%, it is **84.3286, 0.3041, 0.3096**.

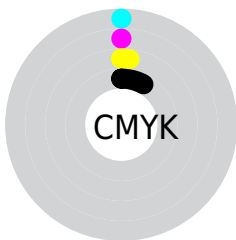
Distribution



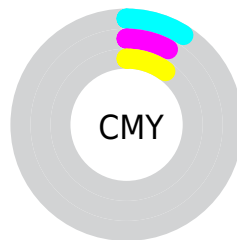
- Red (91%)
- Green (92%)
- Blue (90%)



- Red (90%)
- Yellow (92%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.8824, 0.3145, 0.3331 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 81.8824, 0.3145, 0.3331 by changing the saturation by 10% instead.

81.8824, 0.3145,
0.3331

81.8824, 0.3145,
0.3331

501.2542, 0.3137,
0.3312

61.2686, 0.3147,
0.3335

136.0091, 0.3142,
0.3325

44.4420, 0.3149,
0.3340

170.2907, 0.3141,
0.3322

31.0181, 0.3152,
0.3347

209.8972, 0.3140,
0.3320

20.6126, 0.3155,
0.3355

255.2127, 0.3139,
0.3318

12.8412, 0.3160,
0.3366

306.6218, 0.3139,
0.3316

7.3193, 0.3167,
0.3382

364.5088, 0.3138,

3.6626, 0.3177,

0.3315

0.3406

429.2582, 0.3137,
0.3314

■ 1.4866, 0.3194,
0.3447

■ 0.2793, 0.3437,
0.3998

■ 81.8824, 0.3145,
0.3331

■ 81.8824, 0.3145,
0.3331

■ 79.6548, 0.3252,
0.3583

■ 84.3286, 0.3041,
0.3096

■ 77.6280, 0.3359,
0.3848

■ 85.5016, 0.3071,
0.3083

■ 75.7976, 0.3463,
0.4120

■ 86.6109, 0.3111,
0.3086

■ 74.1553, 0.3560,
0.4391

■ 87.3297, 0.3137,
0.3088

■ 72.6921, 0.3643,
0.4651

■ 71.3980, 0.3708,
0.4887

■ 70.2620, 0.3751,
0.5089

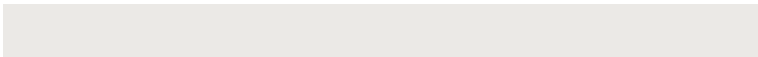
■ 69.2716, 0.3767,
0.5247

■ 68.4115, 0.3758,
0.5356

Harmonies

Analogous

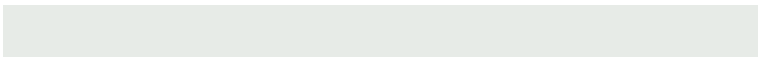
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8824, 0.3164, 0.3329



81.8824, 0.3145, 0.3331



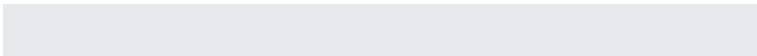
81.8824, 0.3121, 0.3322

Triad

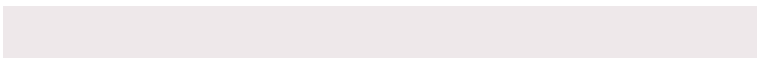
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8824, 0.3145, 0.3331



81.8824, 0.3081, 0.3263



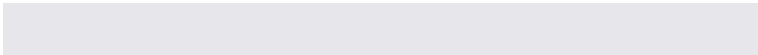
81.8824, 0.3156, 0.3277

Complementary

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



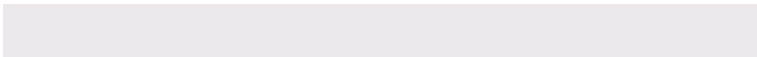
81.8824, 0.3145, 0.3331



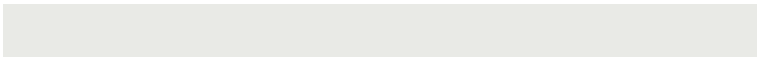
79.5620, 0.3109, 0.3249

Split Complementary

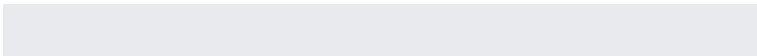
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8824, 0.3133, 0.3259



81.8824, 0.3145, 0.3331



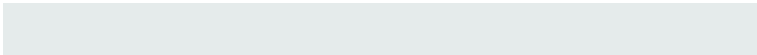
81.8824, 0.3090, 0.3251

Square

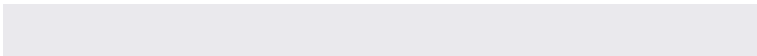
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8824, 0.3145, 0.3331



81.8824, 0.3084, 0.3282



81.8824, 0.3109, 0.3250



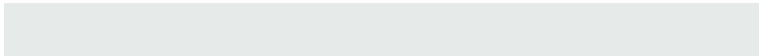
81.8824, 0.3171, 0.3298

Rectangle

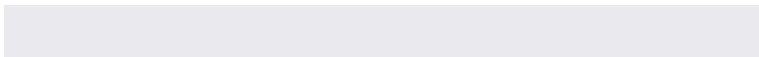
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



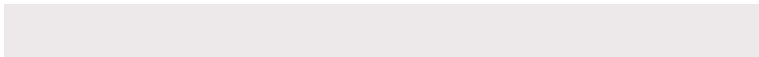
81.8824, 0.3145, 0.3331



81.8824, 0.3106, 0.3310



81.8824, 0.3109, 0.3250



81.8824, 0.3149, 0.3270

Sweetspot

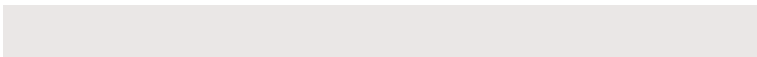
The Sweet Spot groups the original color and five complimentary colors.



81.8859, 0.3145, 0.3331



99.7117, 0.3138, 0.3314



80.3821, 0.3154, 0.3300



21.3455, 0.3137, 0.3313



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.



81.8859, 0.3145, 0.3331



99.4261, 0.3148, 0.3339



81.5606, 0.3132, 0.3331



17.7900, 0.3147, 0.3336



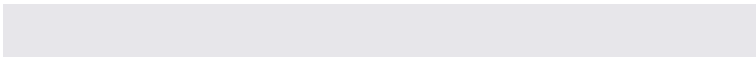
38.1476, 0.3742, 0.5410



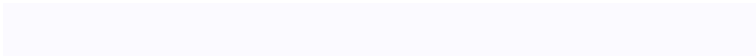
3.0412, 0.3807, 0.5359

Inverse Universe

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



79.5620, 0.3109, 0.3249



96.0795, 0.3106, 0.3241



79.8874, 0.3122, 0.3249



17.2255, 0.3107, 0.3244



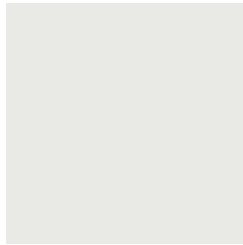
3.9406, 0.1656, 0.0686



0.3545, 0.1795, 0.0763

Previews

White Background



This preview shows how the Yxy color 81.8824, 0.3145, 0.3331 looks on a white background.

Color Contrast Check

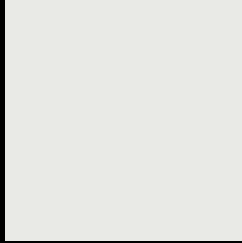
Large Text (above 18pt) WCAG AA × Fail

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 81.8824, 0.3145, 0.3331 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

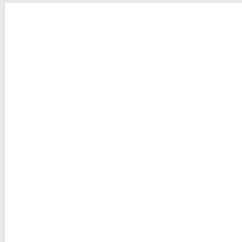
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.8824, 0.3145, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 81.8824, 0.3145, 0.3331.

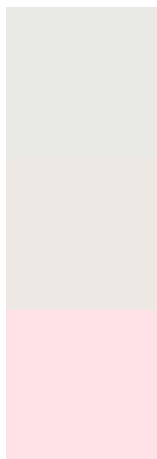


This preview shows how white text looks on a background with the Yxy color 81.8824, 0.3145, 0.3331.

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

81.8824, 0.3145, 0.3331

Protanopia

81.5475, 0.3187, 0.3321

Deuteranopia

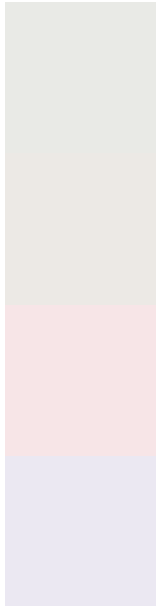
81.4789, 0.3291, 0.3231



Tritanopia

81.8242, 0.3049, 0.3108

Trichromacy



Original Color

81.8824, 0.3145, 0.3331

Protanomaly

81.7678, 0.3173, 0.3331

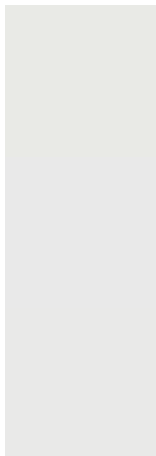
Deuteranomaly

81.5823, 0.3239, 0.3270

Tritanomaly

81.7862, 0.3085, 0.3188

Monochromacy



Original Color

81.8824, 0.3145, 0.3331

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.4277, 0.3133, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8824, 0.3145, 0.3331 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(233, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(233, 234, 230)  
}
```

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(233, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 234, 230) }
```

Border

The CSS property to change the border of an element to Yxy 81.8824, 0.3145, 0.3331 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(233, 234, 230) }
```

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

```
.border{ border-color:rgb(233, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 234,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8824, 0.3145, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 234, 230) }
```

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

```
.background{ background-color: rgb(233,  
234, 230) }
```

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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