

Converting Colors

Yxy(81.5146, 0.3096, 0.3290)

Have a look what the booklet for
Yxy(81.5146, 0.3096, 0.3290)
contains.

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Color

Yxy(81.4442, 0.3094, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	E5EAEA
RGB	229, 234, 234
RGB Percent	90%, 92%, 92%
CMY	0.1018, 0.0824, 0.0824
CMYK	0.02, 0.00, 0.00, 0.08
HSL	180°, 11%, 91%
HSV	180°, 2%, 92%
XYZ	76.5922, 81.4442, 89.5144
YIQ	232.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

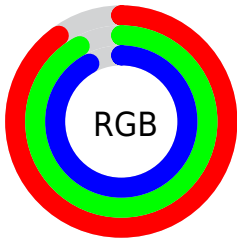
Format	Color
R _Y B	229, 232, 234
Decimal	15067882
CIE Lab	92.33, -1.65, -0.58
CIE LCh	92, 1.751, 199.506
Yxy	81.4442, 0.3094, 0.3290
Android (android.graphics.Color)	4293257962 (0xFFE5EAEA)
YUV	232.5050, 0.7370, -3.0739
Hunter-Lab	90.2464, -6.4382, 4.3635

Details

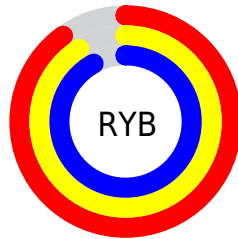
The Yxy color **81.4442, 0.3094, 0.3290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.2068, 0.3161, 0.3290**, and the grayscale version is **81.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0538, 0.3093, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **77.8505, 0.2942, 0.3290**, and if you desaturate by 10%, it is **85.5637, 0.3252, 0.3290**.

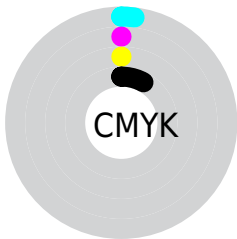
Distribution



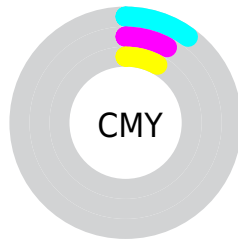
- Red (90%)
- Green (92%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.4442, 0.3094, 0.3290 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 81.4442, 0.3094, 0.3290 by changing the saturation by 10% instead.

■ 81.4442, 0.3094,
0.3290

■ 81.4442, 0.3094,
0.3290

499.7867, 0.3109,
0.3290

■ 60.9075, 0.3091,
0.3290

135.3943, 0.3099,
0.3290

■ 44.1505, 0.3086,
0.3290

169.5765, 0.3101,
0.3290

■ 30.7889, 0.3081,
0.3290

209.0760, 0.3103,
0.3290

■ 20.4381, 0.3075,
0.3290

254.2772, 0.3104,
0.3290

■ 12.7139, 0.3066,
0.3290

305.5644, 0.3106,
0.3290

■ 7.2318, 0.3053,
0.3290

363.3222, 0.3107,

■ 3.6075, 0.3034,

0.3290

0.3289

427.9348, 0.3108,
0.3290

■ 1.4565, 0.3001,
0.3289

■ 0.2578, 0.2611,
0.3288

■ 81.4442, 0.3094,
0.3290

■ 81.4442, 0.3094,
0.3290

■ 77.8505, 0.2942,
0.3290

■ 85.5637, 0.3252,
0.3290

■ 74.7515, 0.2800,
0.3290


■ 86.0512, 0.3269,
0.3289

■ 72.1287, 0.2670,
0.3291


■ 86.0544, 0.3269,
0.3289


■ 69.9586, 0.2555,
0.3291

■ 86.0576, 0.3269,
0.3288

 68.2155, 0.2457,
0.3292


 86.0608, 0.3268,
0.3288

 66.8711, 0.2378,
0.3292

 86.0641, 0.3268,
0.3287

 65.8940, 0.2319,
0.3293

 86.0673, 0.3268,
0.3287

 65.2478, 0.2279,
0.3293

 86.0705, 0.3267,
0.3286

 64.8887, 0.2257,
0.3294

 86.0737, 0.3267,
0.3286

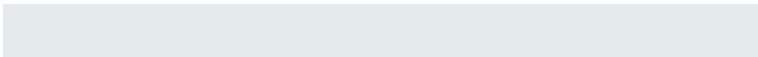
Harmonies

Analogous

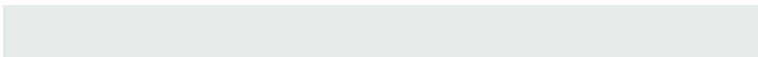
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4442, 0.3109, 0.3308



81.4442, 0.3094, 0.3290



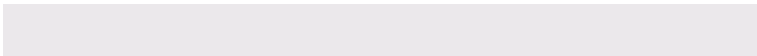
81.4442, 0.3088, 0.3272

Triad

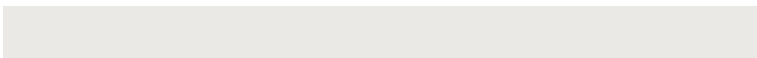
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4442, 0.3094, 0.3290



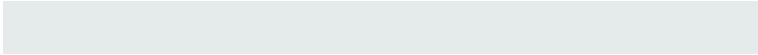
81.4442, 0.3125, 0.3260



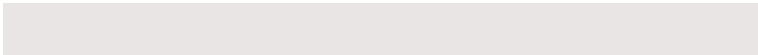
81.4442, 0.3163, 0.3321

Complementary

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



81.4442, 0.3094, 0.3290



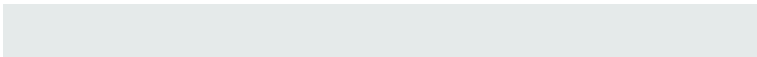
79.2068, 0.3161, 0.3290

Split Complementary

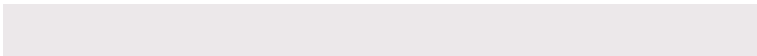
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4442, 0.3167, 0.3308



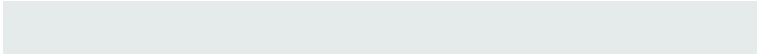
81.4442, 0.3094, 0.3290



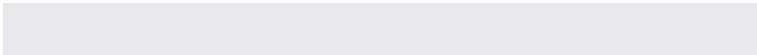
81.4442, 0.3145, 0.3273

Square

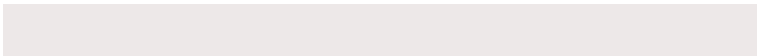
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



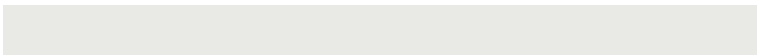
81.4442, 0.3094, 0.3290



81.4442, 0.3106, 0.3255



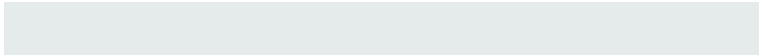
81.4442, 0.3161, 0.3290



81.4442, 0.3149, 0.3325

Rectangle

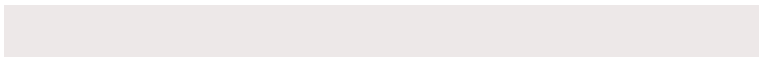
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



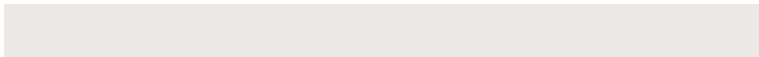
81.4442, 0.3094, 0.3290



81.4442, 0.3089, 0.3263



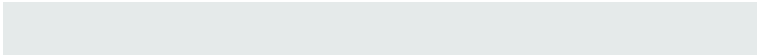
81.4442, 0.3161, 0.3290



81.4442, 0.3165, 0.3317

Sweetspot

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



81.4477, 0.3094, 0.3290



99.5192, 0.3111, 0.3290



81.1804, 0.3125, 0.3342



21.3063, 0.3112, 0.3290



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.



81.4477, 0.3094, 0.3290



98.5767, 0.3080, 0.3290



80.0900, 0.3095, 0.3265



17.5685, 0.3068, 0.3290



36.3886, 0.2249, 0.3295



2.8576, 0.2248, 0.3294

Inverse Universe

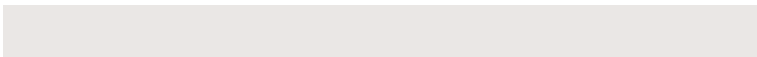
The Inverse Universe completely reimagines the original color for something new.



79.2068, 0.3161, 0.3290



94.7340, 0.3176, 0.3290



80.5447, 0.3160, 0.3315



16.7094, 0.3189, 0.3290



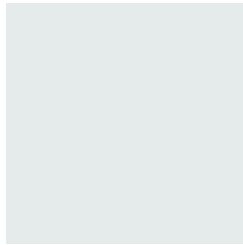
9.8308, 0.6398, 0.3298



0.7722, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 81.4442, 0.3094, 0.3290 looks on a white background.

Color Contrast Check

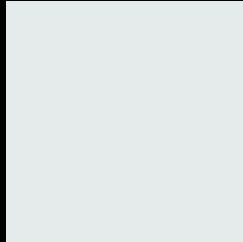
Large Text (above 18pt) WCAG AA × Fail

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 81.4442, 0.3094, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

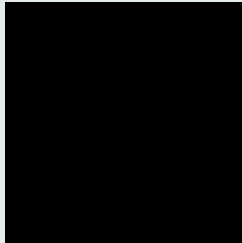
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

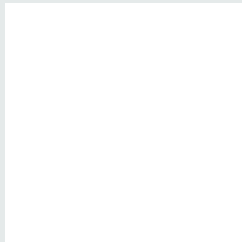
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4442, 0.3094, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 81.4442, 0.3094, 0.3290.

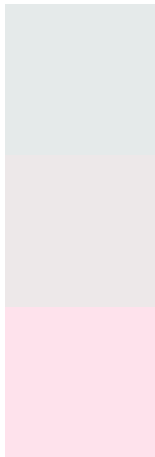


This preview shows how white text looks on a background with the Yxy color 81.4442, 0.3094, 0.3290.

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

81.4442, 0.3094, 0.3290

Protanopia

81.6009, 0.3155, 0.3280

Deuteranopia

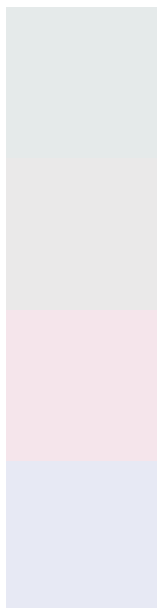
81.5197, 0.3258, 0.3191



Tritanopia

81.7712, 0.3016, 0.3107

Trichromacy



Original Color

81.4442, 0.3094, 0.3290

Protanomaly

81.6534, 0.3134, 0.3290

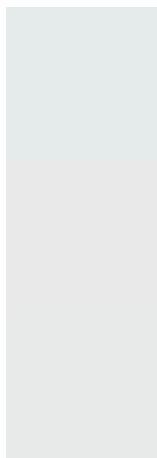
Deuteranomaly

81.4493, 0.3199, 0.3230

Tritanomaly

81.7984, 0.3046, 0.3177

Monochromacy



Original Color

81.4442, 0.3094, 0.3290

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.3168, 0.3120, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4442, 0.3094, 0.3290 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(229, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(229, 234, 234)  
}
```

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(229, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 234, 234) }
```

Border

The CSS property to change the border of an element to Yxy 81.4442, 0.3094, 0.3290 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(229, 234, 234) }
```

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

```
.border{ border-color:rgb(229, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 234,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4442, 0.3094, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 234, 234) }
```

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

```
.background{ background-color: rgb(229,  
234, 234) }
```

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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