

Converting Colors

Yxy(81.0748, 0.3081, 0.3281)

Have a look what the booklet for
Yxy(81.0748, 0.3081, 0.3281)
contains.

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Color

Yxy(81.3378, 0.3081, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E4EAEB
RGB	228, 234, 235
RGB Percent	89%, 92%, 92%
CMY	0.1057, 0.0824, 0.0783
CMYK	0.03, 0.00, 0.00, 0.08
HSL	189°, 15%, 91%
HSV	189°, 3%, 92%
XYZ	76.4263, 81.3378, 90.2926
YIQ	232.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

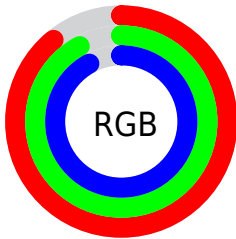
Format	Color
R _Y B	228, 231, 235
Decimal	15002347
CIE Lab	92.28, -1.78, -1.21
CIE LCh	92, 2.154, 214.100
Yxy	81.3378, 0.3081, 0.3279
Android (android.graphics.Color)	4293192427 (0xFFE4EAEB)
YUV	232.3200, 1.3212, -3.7886
Hunter-Lab	90.1875, -6.5644, 3.7721

Details

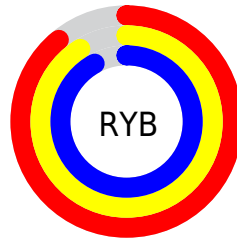
The Yxy color **81.3378, 0.3081, 0.3279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.3569, 0.3175, 0.3301**, and the grayscale version is **80.9480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9797, 0.3076, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **75.7786, 0.2928, 0.3240**, and if you desaturate by 10%, it is **87.4660, 0.3237, 0.3315**.

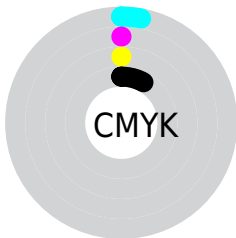
Distribution



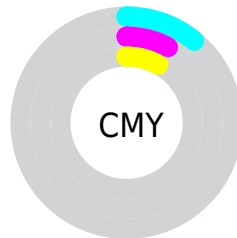
- Red (89%)
- Green (92%)
- Blue (92%)



- Red (89%)
- Yellow (91%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.3378, 0.3081, 0.3279 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 81.3378, 0.3081, 0.3279 by changing the saturation by 10% instead.

■ 81.3378, 0.3081,
0.3279

■ 81.3378, 0.3081,
0.3279

499.4300, 0.3102,
0.3284

■ 60.8198, 0.3076,
0.3278

135.2450, 0.3088,
0.3281

■ 44.0798, 0.3071,
0.3276

169.4030, 0.3091,
0.3281

■ 30.7332, 0.3063,
0.3275

208.8765, 0.3093,
0.3282

■ 20.3958, 0.3054,
0.3272

254.0499, 0.3096,
0.3283

■ 12.6831, 0.3041,
0.3269

305.3075, 0.3097,
0.3283

■ 7.2107, 0.3024,
0.3265

363.0338, 0.3099,

■ 3.5942, 0.2997,

0.3283

427.6131, 0.3101,
0.3284

0.3258

■ 1.4493, 0.2951,
0.3246

■ 0.2526, 0.2431,
0.3124

■ 81.3378, 0.3081,
0.3279

■ 81.3378, 0.3081,
0.3279

■ 75.7786, 0.2928,
0.3240

■ 87.4660, 0.3237,
0.3315

■ 70.7568, 0.2780,
0.3197

■ 90.1699, 0.3257,
0.3349

■ 66.2533, 0.2641,
0.3151

■ 92.2644, 0.3253,
0.3383

■ 62.2439, 0.2513,
0.3102

■ 94.3990, 0.3250,
0.3416

■ 58.7021, 0.2400,
0.3051

■ 96.5740, 0.3247,
0.3450

■ 55.5991, 0.2304,
0.2999

■ 98.7801, 0.3244,
0.3483

■ 52.9023, 0.2227,
0.2945

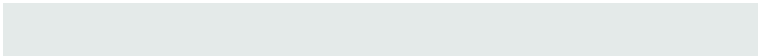
■ 50.5742, 0.2169,
0.2892

■ 48.5695, 0.2130,
0.2839

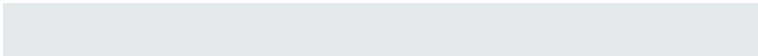
Harmonies

Analogous

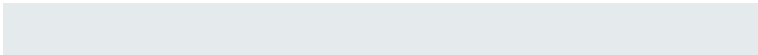
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3378, 0.3095, 0.3301



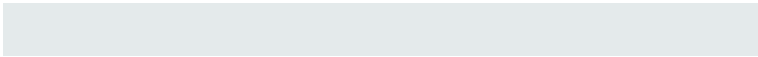
81.3378, 0.3081, 0.3279



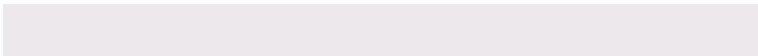
81.3378, 0.3079, 0.3260

Triad

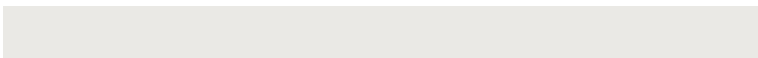
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3378, 0.3081, 0.3279



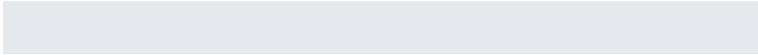
81.3378, 0.3137, 0.3260



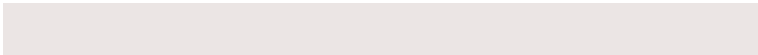
81.3378, 0.3164, 0.3332

Complementary

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



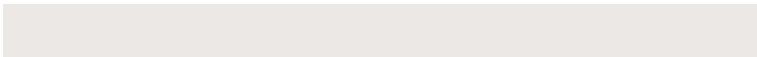
81.3378, 0.3081, 0.3279



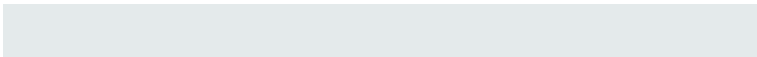
79.3569, 0.3175, 0.3301

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.



81.3378, 0.3175, 0.3321



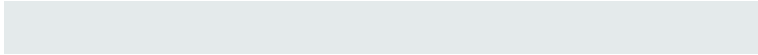
81.3378, 0.3081, 0.3279



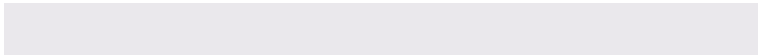
81.3378, 0.3160, 0.3279

Square

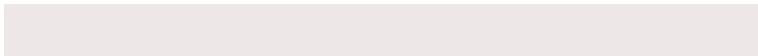
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3378, 0.3081, 0.3279



81.3378, 0.3112, 0.3249



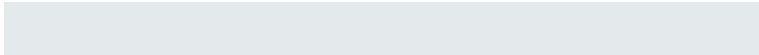
81.3378, 0.3174, 0.3301



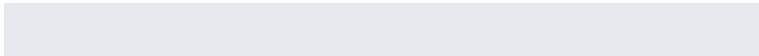
81.3378, 0.3143, 0.3332

Rectangle

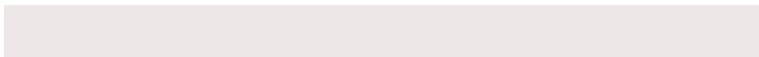
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



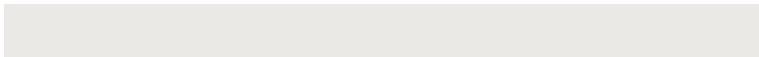
81.3378, 0.3081, 0.3279



81.3378, 0.3086, 0.3251



81.3378, 0.3174, 0.3301



81.3378, 0.3169, 0.3329

Sweetspot

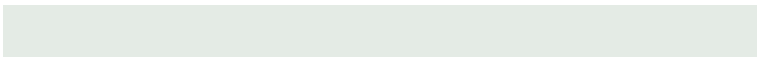
The Sweet Spot groups the original color and five complimentary colors.



81.3413, 0.3081, 0.3279



99.2772, 0.3112, 0.3286



81.5921, 0.3118, 0.3353



21.2570, 0.3112, 0.3287



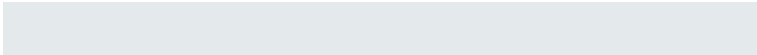
0.0000, 0.0000, 0.0000



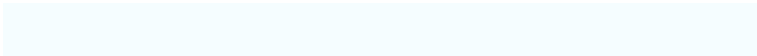
21.4041, 0.3127, 0.3290

Same Dimension

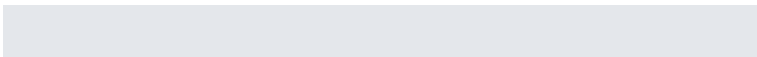
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3413, 0.3081, 0.3279



97.1501, 0.3065, 0.3275



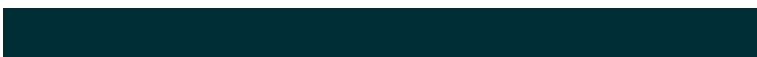
79.4321, 0.3082, 0.3244



17.2884, 0.3054, 0.3272



26.4686, 0.2114, 0.2810



2.1824, 0.2134, 0.2883

Inverse Universe

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



79.1177, 0.3137, 0.3229



93.5663, 0.3141, 0.3207



81.2495, 0.3173, 0.3336



16.5377, 0.3143, 0.3192



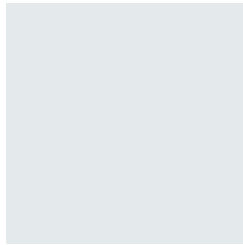
12.1648, 0.3625, 0.1771



0.9657, 0.3558, 0.1734

Previews

White Background



This preview shows how the Yxy color 81.3378, 0.3081, 0.3279 looks on a white background.

Color Contrast Check

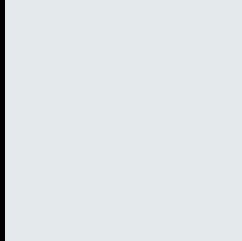
Large Text (above 18pt) WCAG AA × Fail

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 81.3378, 0.3081, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

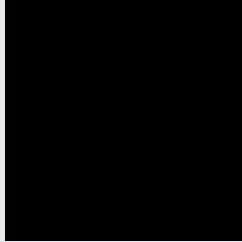
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

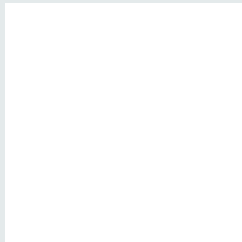
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.3378, 0.3081, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 81.3378, 0.3081, 0.3279.

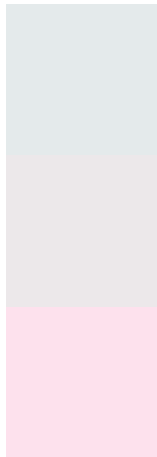


This preview shows how white text looks on a background with the Yxy color 81.3378, 0.3081, 0.3279.

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

81.3378, 0.3081, 0.3279

Protanopia

81.4866, 0.3142, 0.3270

Deuteranopia

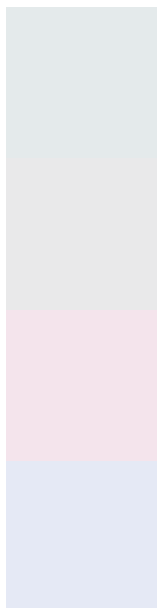
80.8475, 0.3245, 0.3171



Tritanopia

81.4383, 0.3003, 0.3106

Trichromacy



Original Color

81.3378, 0.3081, 0.3279

Protanomaly

81.5420, 0.3121, 0.3280

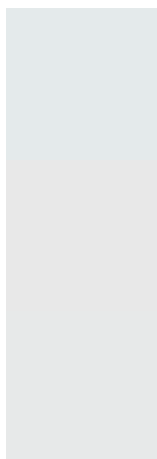
Deuteranomaly

80.7760, 0.3186, 0.3209

Tritanomaly

81.5284, 0.3027, 0.3166

Monochromacy



Original Color

81.3378, 0.3081, 0.3279

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.1499, 0.3114, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3378, 0.3081, 0.3279 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(228, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(228, 234, 235)  
}
```

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(228, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 234, 235) }
```

Border

The CSS property to change the border of an element to Yxy 81.3378, 0.3081, 0.3279 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(228, 234, 235) }
```

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

```
.border{ border-color:rgb(228, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(228, 234,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3378, 0.3081, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 234, 235) }
```

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

```
.background{ background-color: rgb(228,  
234, 235) }
```

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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