

Converting Colors

Yxy(81.5558, 0.3061, 0.3265)

Have a look what the booklet for
Yxy(81.5558, 0.3061, 0.3265)
contains.

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Color

Yxy(81.8620, 0.3062, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E3EBED
RGB	227, 235, 237
RGB Percent	89%, 92%, 93%
CMY	0.1097, 0.0784, 0.0706
CMYK	0.04, 0.01, 0.00, 0.07
HSL	192°, 22%, 91%
HSV	192°, 4%, 93%
XYZ	76.6783, 81.8620, 91.8788
YIQ	232.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

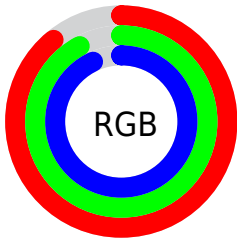
Format	Color
R_{YB}	227, 231, 237
Decimal	14937069
CIE _{Lab}	92.51, -2.27, -1.90
CIE _{LCh}	93, 2.964, 219.905
Yxy	81.8620, 0.3062, 0.3269
Android (android.graphics.Color)	4293127149 (0xFFE3EBED)
YUV	232.8360, 2.0529, -5.1182
Hunter-Lab	90.4776, -7.0600, 3.1262

Details

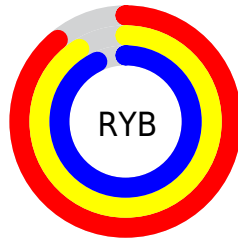
The Yxy color **81.8620, 0.3062, 0.3269** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.6052, 0.3195, 0.3311**, and the grayscale version is **81.3478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3471, 0.3052, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **75.5867, 0.2909, 0.3216**, and if you desaturate by 10%, it is **88.7475, 0.3217, 0.3317**.

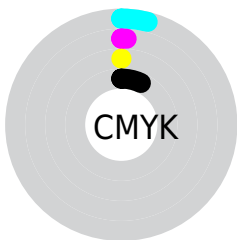
Distribution



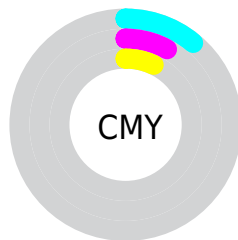
- Red (89%)
- Green (92%)
- Blue (93%)



- Red (89%)
- Yellow (91%)
- Blue (93%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.8620, 0.3062, 0.3269 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 81.8620, 0.3062, 0.3269 by changing the saturation by 10% instead.

■ 81.8620, 0.3062,
0.3269

■ 81.8620, 0.3062,
0.3269

501.1860, 0.3092,
0.3279

■ 61.2518, 0.3055,
0.3267

135.9805, 0.3072,
0.3272

■ 44.4284, 0.3047,
0.3264

170.2575, 0.3076,
0.3274

■ 31.0074, 0.3037,
0.3261

209.8589, 0.3080,
0.3275

■ 20.6045, 0.3024,
0.3256

255.1692, 0.3083,
0.3276

■ 12.8352, 0.3007,
0.3250

306.5726, 0.3085,
0.3277

■ 7.3152, 0.2982,
0.3242

364.4536, 0.3088,

■ 3.6600, 0.2945,

0.3277

429.1966, 0.3090,
0.3278

0.3229

■ 1.4852, 0.2882,
0.3206

■ 0.2783, 0.2264,
0.3014

■ 81.8620, 0.3062,
0.3269

■ 81.8620, 0.3062,
0.3269

■ 75.5867, 0.2909,
0.3216

■ 88.7475, 0.3217,
0.3317

■ 69.8889, 0.2759,
0.3157

■ 92.3814, 0.3241,
0.3363

■ 64.7488, 0.2617,
0.3094

■ 95.2873, 0.3237,
0.3409

■ 60.1409, 0.2486,
0.3027

■ 98.2677, 0.3233,
0.3454

■ 56.0377, 0.2369,
0.2957

■ 98.8944, 0.3232,
0.3464

■ 52.4089, 0.2268,
0.2885

■ 49.2203, 0.2186,
0.2811

■ 46.4327, 0.2123,
0.2737

■ 43.9980, 0.2080,
0.2664

Harmonies

Analogous

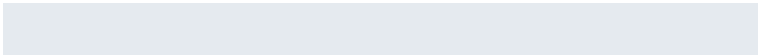
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8620, 0.3078, 0.3300



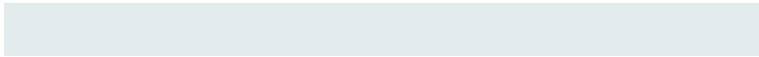
81.8620, 0.3062, 0.3269



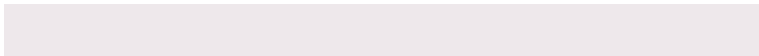
81.8620, 0.3063, 0.3244

Triad

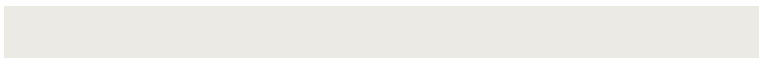
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8620, 0.3062, 0.3269



81.8620, 0.3147, 0.3253



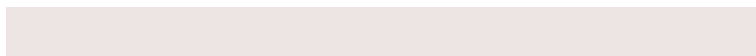
81.8620, 0.3173, 0.3349

Complementary

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



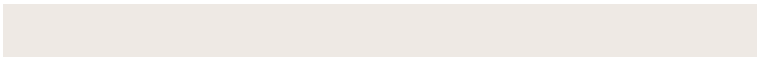
81.8620, 0.3062, 0.3269



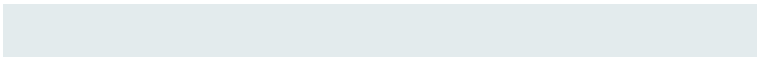
79.6052, 0.3195, 0.3311

Split Complementary

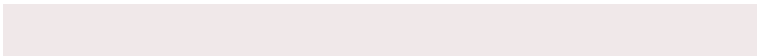
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8620, 0.3191, 0.3336



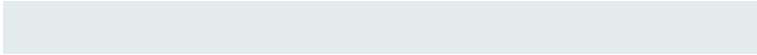
81.8620, 0.3062, 0.3269



81.8620, 0.3177, 0.3280

Square

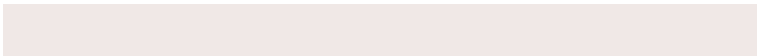
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



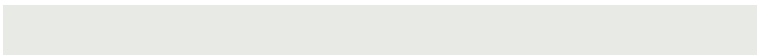
81.8620, 0.3062, 0.3269



81.8620, 0.3112, 0.3235



81.8620, 0.3193, 0.3311



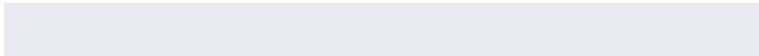
81.8620, 0.3142, 0.3346

Rectangle

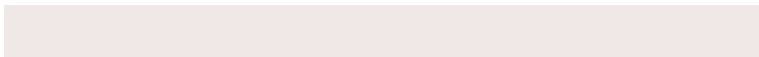
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



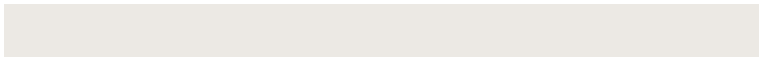
81.8620, 0.3062, 0.3269



81.8620, 0.3074, 0.3234



81.8620, 0.3193, 0.3311



81.8620, 0.3181, 0.3346

Sweetspot

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



81.8655, 0.3062, 0.3269



99.1936, 0.3112, 0.3285



82.5615, 0.3110, 0.3373



21.2400, 0.3112, 0.3285



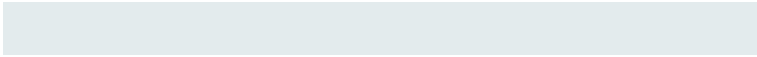
0.0000, 0.0000, 0.0000



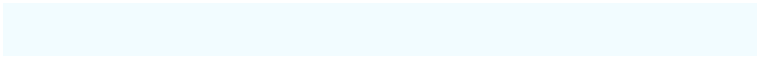
21.4041, 0.3127, 0.3290

Same Dimension

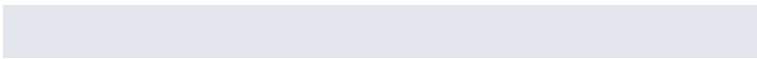
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8655, 0.3062, 0.3269



96.0405, 0.3049, 0.3265



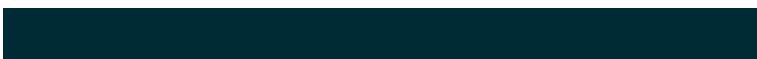
79.0530, 0.3063, 0.3217



17.0883, 0.3039, 0.3262



23.5073, 0.2065, 0.2634



1.9760, 0.2093, 0.2735

Inverse Universe

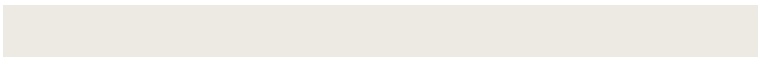
The Inverse Universe completely reimagines the original color for something new.



78.9548, 0.3145, 0.3208



91.9695, 0.3148, 0.3192



82.4018, 0.3191, 0.3362



16.2696, 0.3151, 0.3179



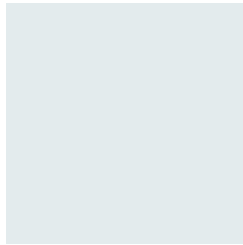
11.8659, 0.3791, 0.1862



0.9449, 0.3695, 0.1809

Previews

White Background



This preview shows how the Yxy color 81.8620, 0.3062, 0.3269 looks on a white background.

Color Contrast Check

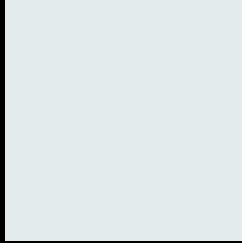
Large Text (above 18pt) WCAG AA × Fail

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 81.8620, 0.3062, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

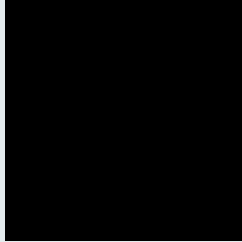
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

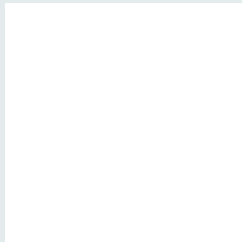
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.8620, 0.3062, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 81.8620, 0.3062, 0.3269.

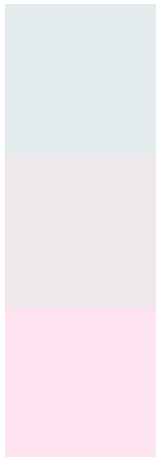


This preview shows how white text looks on a background with the Yxy color 81.8620, 0.3062, 0.3269.

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

81.8620, 0.3062, 0.3269

Protanopia

81.7159, 0.3142, 0.3259

Deuteranopia

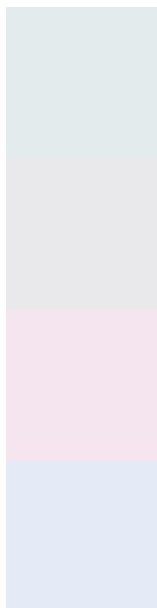
81.5074, 0.3231, 0.3162



Tritanopia

81.9009, 0.2991, 0.3106

Trichromacy



Original Color

81.8620, 0.3062, 0.3269

Protanomaly

81.6576, 0.3108, 0.3259

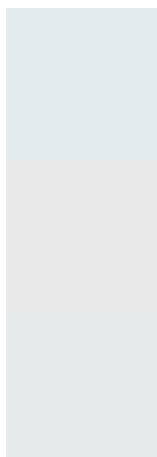
Deuteranomaly

81.4448, 0.3173, 0.3199

Tritanomaly

81.9934, 0.3014, 0.3166

Monochromacy



Original Color

81.8620, 0.3062, 0.3269

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.7751, 0.3107, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8620, 0.3062, 0.3269 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(227, 235, 237)` looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 237)  
}
```

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(227, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 237) }
```

Border

The CSS property to change the border of an element to Yxy 81.8620, 0.3062, 0.3269 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(227, 235, 237) }
```

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

```
.border{ border-color:rgb(227, 235, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(227, 235,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8620, 0.3062, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 237) }
```

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

```
.background{ background-color: rgb(227,  
235, 237) }
```

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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