

Converting Colors

Yxy(82.9723, 0.3109, 0.3248)

Have a look what the booklet for
Yxy(82.9723, 0.3109, 0.3248)
contains.

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Color

Yxy(82.6809, 0.3109, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	EBEAEE
RGB	235, 234, 238
RGB Percent	92%, 92%, 93%
CMY	0.0784, 0.0823, 0.0666
CMYK	0.01, 0.02, 0.00, 0.07
HSL	255°, 11%, 93%
HSV	255°, 2%, 93%
XYZ	79.1182, 82.6809, 92.6820
YIQ	234.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

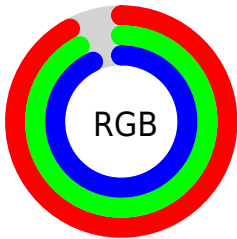
Format	Color
RYB	235, 234, 238
Decimal	15461102
CIELab	92.87, 1.06, -1.83
CIELCh	93, 2.112, 300.042
Yxy	82.6809, 0.3109, 0.3249
Android (android.graphics.Color)	4293651182 (0xFFEBEAEE)
YUV	234.7550, 1.5998, 0.2149
Hunter-Lab	90.9290, -3.8114, 3.2173

Details

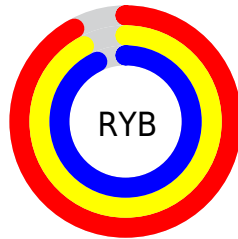
The Yxy color **82.6809, 0.3109, 0.3249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0991, 0.3145, 0.3331**, and the grayscale version is **82.8728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8019, 0.3104, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **67.1441, 0.2991, 0.2989**, and if you desaturate by 10%, it is **98.5473, 0.3213, 0.3454**.

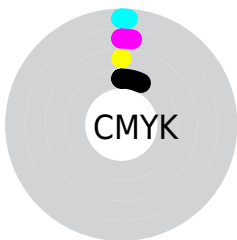
Distribution



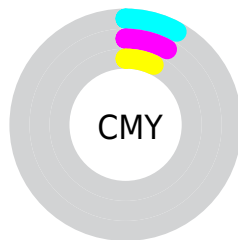
- Red (92%)
- Green (92%)
- Blue (93%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.6809, 0.3109, 0.3249 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 82.6809, 0.3109, 0.3249 by changing the saturation by 10% instead.

82.6809, 0.3109,
0.3249

82.6809, 0.3109,
0.3249

503.9224, 0.3117,
0.3268

61.9269, 0.3107,
0.3245

137.1284, 0.3112,
0.3255

44.9737, 0.3105,
0.3240

171.5908, 0.3113,
0.3258

31.4367, 0.3102,
0.3233

211.3915, 0.3114,
0.3260

20.9316, 0.3098,
0.3225

256.9148, 0.3115,
0.3262

13.0740, 0.3093,
0.3214

308.5451, 0.3116,
0.3264

7.4795, 0.3086,
0.3199

366.6669, 0.3116,

3.7638, 0.3076,

0.3265

0.3176

431.6646, 0.3117,
0.3266

■ 1.5423, 0.3058,
0.3137

■ 0.3182, 0.2929,
0.2839

■ 82.6809, 0.3109,
0.3249

■ 82.6809, 0.3109,
0.3249

■ 67.1441, 0.2991,
0.2989

■ 98.5473, 0.3213,
0.3454

■ 53.6478, 0.2855,
0.2701

■ 98.9535, 0.3226,
0.3454

■ 42.1092, 0.2702,
0.2389

■ 32.4360, 0.2534,
0.2061

■ 24.5282, 0.2355,
0.1730

■ 18.2763, 0.2172,
0.1413

■ 13.5584, 0.1997,
0.1133

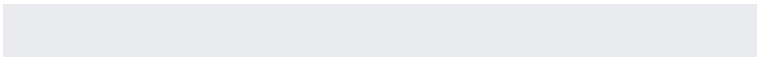
■ 10.2350, 0.1841,
0.0908

■ 8.1402, 0.1714,
0.0753

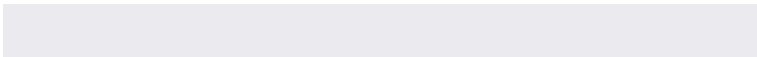
Harmonies

Analogous

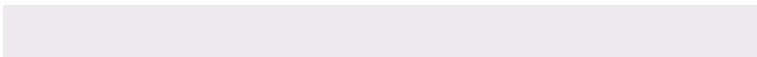
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6809, 0.3090, 0.3250



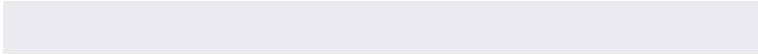
82.6809, 0.3109, 0.3249



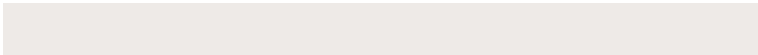
82.6809, 0.3133, 0.3258

Triad

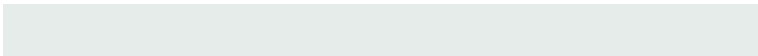
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6809, 0.3109, 0.3249



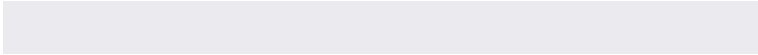
82.6809, 0.3175, 0.3318



82.6809, 0.3098, 0.3304

Complementary

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



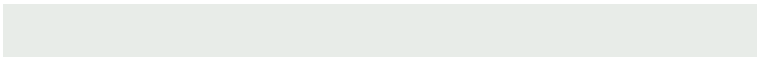
82.6809, 0.3109, 0.3249



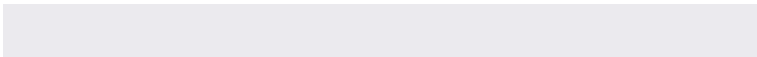
85.0991, 0.3145, 0.3331

Split Complementary

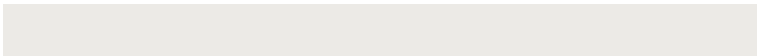
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6809, 0.3121, 0.3322



82.6809, 0.3109, 0.3249



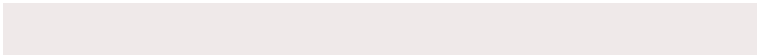
82.6809, 0.3165, 0.3330

Square

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



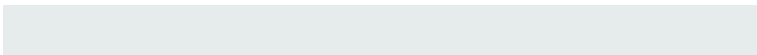
82.6809, 0.3109, 0.3249



82.6809, 0.3171, 0.3298



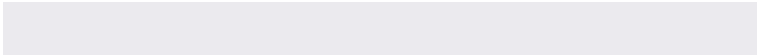
82.6809, 0.3145, 0.3332



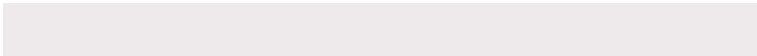
82.6809, 0.3083, 0.3282

Rectangle

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



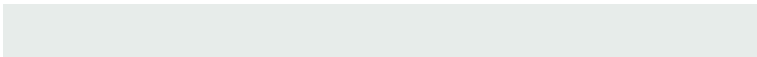
82.6809, 0.3109, 0.3249



82.6809, 0.3149, 0.3270



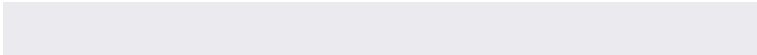
82.6809, 0.3145, 0.3332



82.6809, 0.3105, 0.3311

Sweetspot

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



82.6844, 0.3109, 0.3249



98.0231, 0.3116, 0.3266



84.2384, 0.3101, 0.3280



21.0018, 0.3117, 0.3267



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.



82.6844, 0.3109, 0.3249



96.0712, 0.3105, 0.3241



83.0268, 0.3122, 0.3249



18.0361, 0.3107, 0.3244



4.0243, 0.1646, 0.0680



0.3803, 0.1775, 0.0752

Inverse Universe

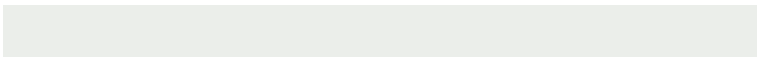
The Inverse Universe completely reimagines the original color for something new.



83.1408, 0.3135, 0.3260



96.7071, 0.3137, 0.3254



84.7567, 0.3132, 0.3331



18.1487, 0.3136, 0.3256



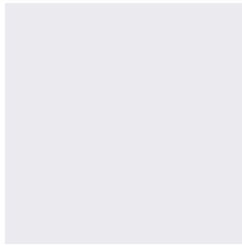
11.9650, 0.3964, 0.1957



1.0112, 0.3843, 0.1891

Previews

White Background



This preview shows how the Yxy color 82.6809, 0.3109, 0.3249 looks on a white background.

Color Contrast Check

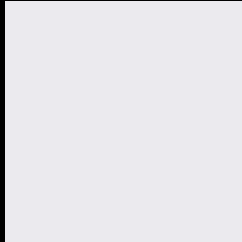
Large Text (above 18pt) WCAG AA × Fail

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 82.6809, 0.3109, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

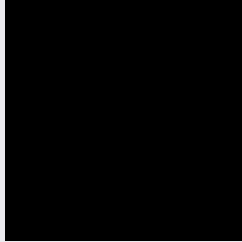
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

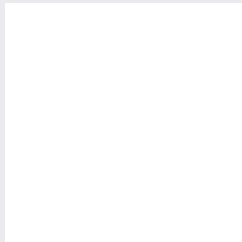
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6809, 0.3109, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 82.6809, 0.3109, 0.3249.

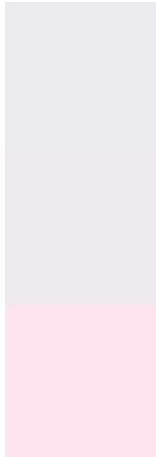


This preview shows how white text looks on a background with the Yxy color 82.6809, 0.3109, 0.3249.

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

82.6809, 0.3109, 0.3249

Protanopia

82.6280, 0.3130, 0.3239

Deuteranopia

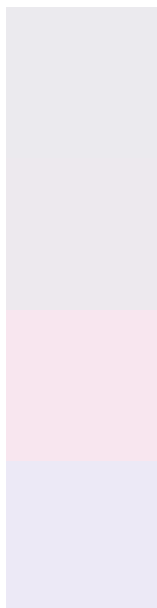
82.4302, 0.3244, 0.3172



Tritanopia

82.6199, 0.3049, 0.3109

Trichromacy



Original Color

82.6809, 0.3109, 0.3249

Protanomaly

82.4554, 0.3123, 0.3239

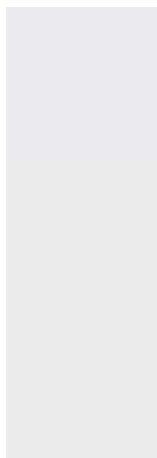
Deuteranomaly

82.7821, 0.3193, 0.3200

Tritanomaly

82.7645, 0.3067, 0.3158

Monochromacy



Original Color

82.6809, 0.3109, 0.3249

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.1350, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6809, 0.3109, 0.3249 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(235, 234, 238) looks like.

```
.text, #text, p{  
    color:rgb(235, 234, 238)  
}
```

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(235, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 234, 238) }
```

Border

The CSS property to change the border of an element to Yxy 82.6809, 0.3109, 0.3249 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(235, 234, 238) }
```

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

```
.border{ border-color:rgb(235, 234, 238) }
```

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

Here you see how a box with a 4 pixel rgb(235, 234, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(235, 234,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6809, 0.3109, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 234, 238) }
```

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

```
.background{ background-color: rgb(235,  
234, 238) }
```

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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