

Converting Colors

Yxy(82.4837, 0.3024, 0.3254)

Have a look what the booklet for
Yxy(82.4837, 0.3024, 0.3254)
contains.

Yxy(82.7069, 0.3024, 0.3259)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.7069, 0.3024, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	E0EDF0
RGB	224, 237, 240
RGB Percent	88%, 93%, 94%
CMY	0.1217, 0.0705, 0.0590
CMYK	0.07, 0.01, 0.00, 0.06
HSL	191°, 35%, 91%
HSV	191°, 7%, 94%
XYZ	76.7431, 82.7069, 94.3300
YIQ	233.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

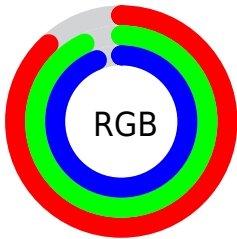
Format	Color
R _Y B	224, 231, 240
Decimal	14740976
CIE Lab	92.89, -3.75, -2.93
CIE LCh	93, 4.753, 217.990
Yxy	82.7069, 0.3024, 0.3259
Android (android.graphics.Color)	4292931056 (0xFFE0EDF0)
YUV	233.4550, 3.2267, -8.2920
Hunter-Lab	90.9433, -8.5226, 2.1624

Details

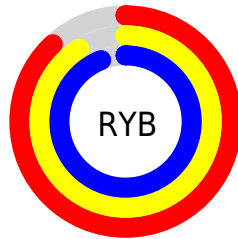
The Yxy color **82.7069, 0.3024, 0.3259** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.7992, 0.3238, 0.3321**, and the grayscale version is **81.8245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9435, 0.3003, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **76.6101, 0.2872, 0.3209**, and if you desaturate by 10%, it is **89.4151, 0.3179, 0.3305**.

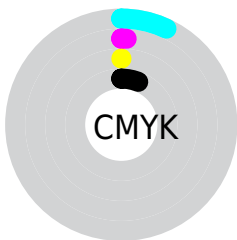
Distribution



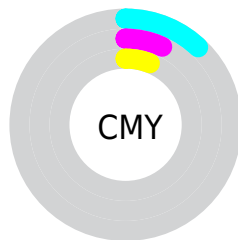
- Red (88%)
- Green (93%)
- Blue (94%)



- Red (88%)
- Yellow (91%)
- Blue (94%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (12%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.7069, 0.3024, 0.3259 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 82.7069, 0.3024, 0.3259 by changing the saturation by 10% instead.

■ 82.7069, 0.3024,
0.3259

■ 82.7069, 0.3024,
0.3259

504.0092, 0.3071,
0.3273

■ 61.9484, 0.3014,
0.3256

137.1649, 0.3040,
0.3264

■ 44.9910, 0.3001,
0.3252

171.6331, 0.3046,
0.3266

■ 31.4503, 0.2985,
0.3247

211.4401, 0.3052,
0.3268

■ 20.9420, 0.2965,
0.3240

256.9701, 0.3056,
0.3269

■ 13.0816, 0.2937,
0.3231

308.6077, 0.3061,
0.3270

■ 7.4848, 0.2899,
0.3219

366.7371, 0.3064,

■ 3.7671, 0.2841,

0.3271

0.3199

431.7428, 0.3068,
0.3272

■ 1.5441, 0.2745,
0.3165

■ 0.3195, 0.1958,
0.2947

■ 82.7069, 0.3024,
0.3259

■ 82.7069, 0.3024,
0.3259

■ 76.6101, 0.2872,
0.3209

■ 89.4151, 0.3179,
0.3305

■ 71.0912, 0.2725,
0.3154

■ 93.3839, 0.3222,
0.3348

■ 66.1291, 0.2586,
0.3095

■ 96.1086, 0.3218,
0.3390

■ 61.6974, 0.2460,
0.3033

■ 98.8980, 0.3215,
0.3432

■ 57.7671, 0.2348,
0.2968

■ 99.0693, 0.3215,
0.3435

■ 54.3063, 0.2254,
0.2902

■ 51.2789, 0.2179,
0.2834

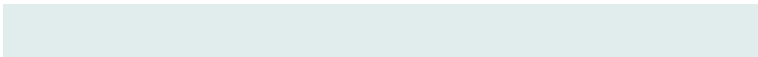
■ 48.6425, 0.2124,
0.2767

■ 46.3439, 0.2087,
0.2700

Harmonies

Analogous

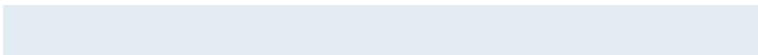
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7069, 0.3051, 0.3308



82.7069, 0.3024, 0.3259



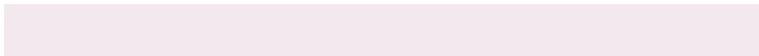
82.7069, 0.3024, 0.3219

Triad

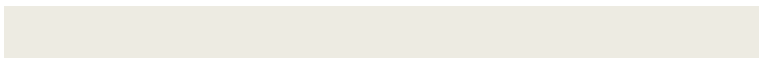
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7069, 0.3024, 0.3259



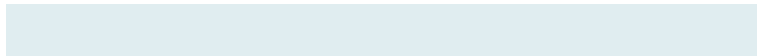
82.7069, 0.3156, 0.3228



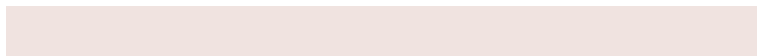
82.7069, 0.3202, 0.3384

Complementary

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



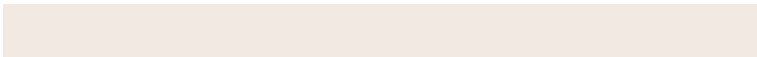
82.7069, 0.3024, 0.3259



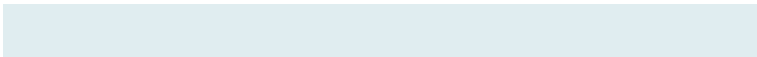
78.7992, 0.3238, 0.3321

Split Complementary

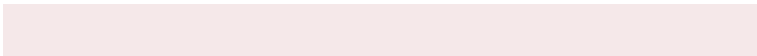
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7069, 0.3231, 0.3361



82.7069, 0.3024, 0.3259



82.7069, 0.3204, 0.3271

Square

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



82.7069, 0.3024, 0.3259



82.7069, 0.3100, 0.3201



82.7069, 0.3232, 0.3320



82.7069, 0.3154, 0.3381

Rectangle

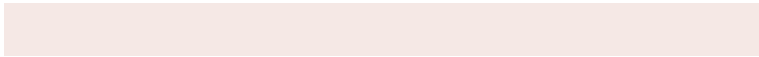
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



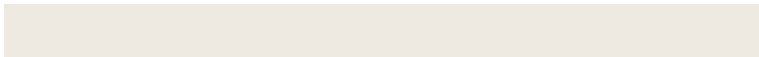
82.7069, 0.3024, 0.3259



82.7069, 0.3040, 0.3202



82.7069, 0.3232, 0.3320



82.7069, 0.3215, 0.3379

Sweetspot

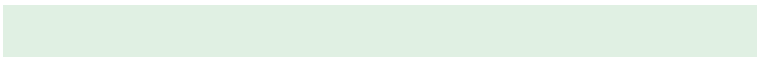
The Sweet Spot groups the original color and five complimentary colors.



82.7104, 0.3024, 0.3259



98.4464, 0.3096, 0.3281



83.6853, 0.3102, 0.3427



21.0879, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



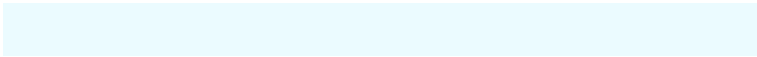
21.4041, 0.3127, 0.3290

Same Dimension

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



82.7104, 0.3024, 0.3259



93.9553, 0.3003, 0.3252



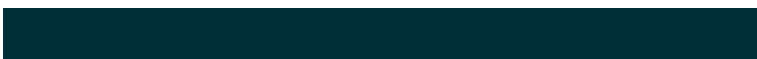
78.1942, 0.3025, 0.3175



17.4039, 0.2981, 0.3245



25.1654, 0.2080, 0.2689



2.2207, 0.2105, 0.2777

Inverse Universe

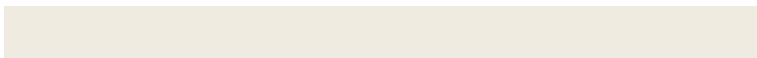
The Inverse Universe completely reimagines the original color for something new.



77.9340, 0.3154, 0.3157



87.4277, 0.3160, 0.3129



83.2614, 0.3230, 0.3402



15.9784, 0.3166, 0.3100



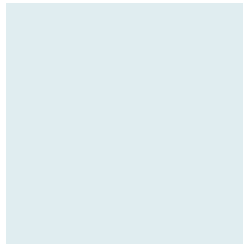
12.3338, 0.3739, 0.1833



1.0389, 0.3656, 0.1788

Previews

White Background



This preview shows how the Yxy color 82.7069, 0.3024, 0.3259 looks on a white background.

Color Contrast Check

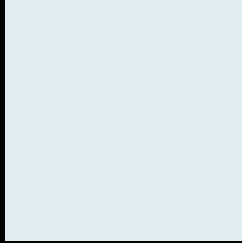
Large Text (above 18pt) WCAG AA × Fail

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 82.7069, 0.3024, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

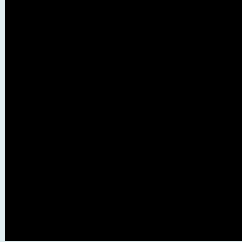
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

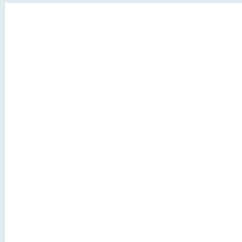
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7069, 0.3024, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 82.7069, 0.3024, 0.3259.

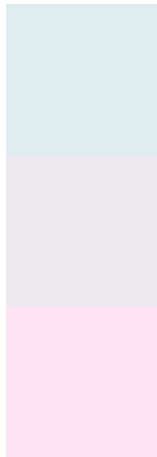


This preview shows how white text looks on a background with the Yxy color 82.7069, 0.3024, 0.3259.

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

82.7069, 0.3024, 0.3259

Protanopia

82.4554, 0.3123, 0.3239

Deuteranopia

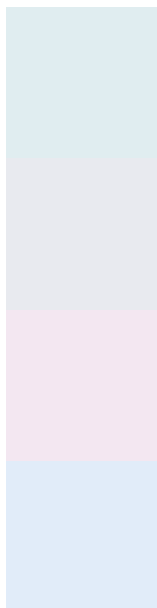
82.4198, 0.3217, 0.3143



Tritanopia

82.7412, 0.2954, 0.3096

Trichromacy



Original Color

82.7069, 0.3024, 0.3259

Protanomaly

82.2334, 0.3083, 0.3239

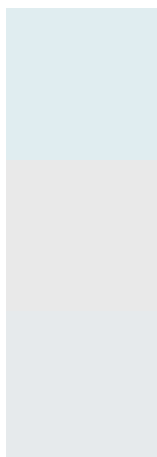
Deuteranomaly

82.5574, 0.3145, 0.3190

Tritanomaly

82.8380, 0.2977, 0.3156

Monochromacy



Original Color

82.7069, 0.3024, 0.3259

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.7248, 0.3088, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7069, 0.3024, 0.3259 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(224, 237, 240)` looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 240)  
}
```

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(224, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 240) }
```

Border

The CSS property to change the border of an element to Yxy 82.7069, 0.3024, 0.3259 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(224, 237, 240) }
```

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

```
.border{ border-color:rgb(224, 237, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 237, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 240);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7069, 0.3024, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 240) }
```

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

```
.background{ background-color: rgb(224,  
237, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor