

Converting Colors

Yxy(81.4576, 0.3043, 0.3249)

Have a look what the booklet for
Yxy(81.4576, 0.3043, 0.3249)
contains.

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Color

Yxy(81.5973, 0.3043, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	E1EBEE
RGB	225, 235, 238
RGB Percent	88%, 92%, 93%
CMY	0.1176, 0.0784, 0.0668
CMYK	0.05, 0.01, 0.00, 0.07
HSL	194°, 28%, 91%
HSV	194°, 5%, 93%
XYZ	76.1892, 81.5973, 92.5888
YIQ	232.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

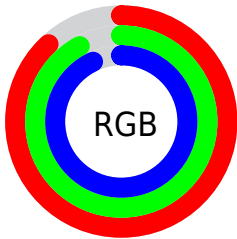
Format	Color
R_{YB}	225, 231, 238
Decimal	14805998
CIE _{Lab}	92.40, -2.76, -2.59
CIE _{LCh}	92, 3.784, 223.159
Yxy	81.5973, 0.3043, 0.3259
Android (android.graphics.Color)	4292996078 (0xFFE1EBEE)
YUV	232.3520, 2.7845, -6.4477
Hunter-Lab	90.3312, -7.5252, 2.4601

Details

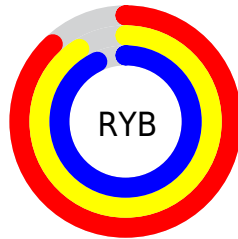
The Yxy color **81.5973, 0.3043, 0.3259** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.0717, 0.3216, 0.3321**, and the grayscale version is **80.9576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1636, 0.3027, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **74.9813, 0.2889, 0.3198**, and if you desaturate by 10%, it is **88.8478, 0.3198, 0.3315**.

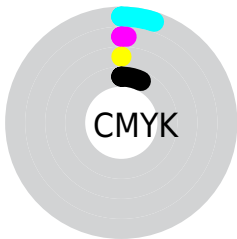
Distribution



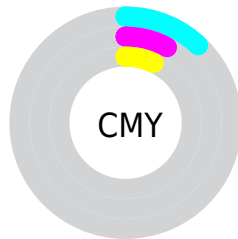
- Red (88%)
- Green (92%)
- Blue (93%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.5973, 0.3043, 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 81.5973, 0.3043, 0.3259 by changing the saturation by 10% instead.

81.5973, 0.3043,
0.3259

81.5973, 0.3043,
0.3259

500.2997, 0.3081,
0.3273

61.0337, 0.3034,
0.3256

135.6091, 0.3056,
0.3264

44.2523, 0.3024,
0.3252

169.8261, 0.3061,
0.3266

30.8689, 0.3011,
0.3247

209.3630, 0.3066,
0.3268

20.4991, 0.2994,
0.3240

254.6042, 0.3070,
0.3269

12.7583, 0.2971,
0.3232

305.9340, 0.3073,
0.3270

7.2623, 0.2940,
0.3219

363.7370, 0.3076,

3.6267, 0.2892,

0.3271

0.3200

428.3974, 0.3079,
0.3272

■ 1.4670, 0.2810,
0.3166

■ 0.2653, 0.2009,
0.2884

■ 81.5973, 0.3043,
0.3259

■ 81.5973, 0.3043,
0.3259

■ 74.9813, 0.2889,
0.3198

■ 88.8478, 0.3198,
0.3315

■ 68.9667, 0.2740,
0.3130

■ 93.2511, 0.3234,
0.3367

■ 63.5327, 0.2597,
0.3058

■ 96.5949, 0.3230,
0.3419

■ 58.6532, 0.2464,
0.2981

■ 98.9505, 0.3226,
0.3454

■ 54.2997, 0.2345,
0.2900

■ 50.4410, 0.2243,
0.2817

■ 47.0418, 0.2159,
0.2732

■ 44.0611, 0.2095,
0.2647

■ 41.4487, 0.2051,
0.2563

Harmonies

Analogous

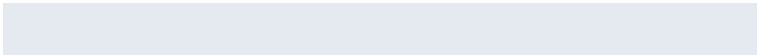
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5973, 0.3061, 0.3298



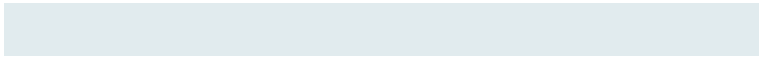
81.5973, 0.3043, 0.3259



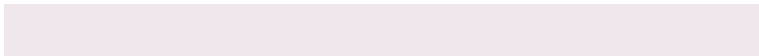
81.5973, 0.3047, 0.3229

Triad

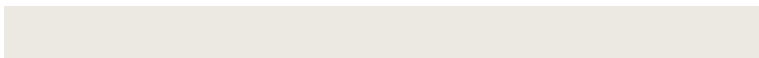
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5973, 0.3043, 0.3259



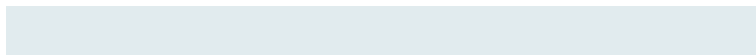
81.5973, 0.3157, 0.3246



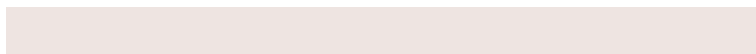
81.5973, 0.3182, 0.3366

Complementary

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



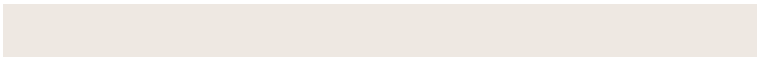
81.5973, 0.3043, 0.3259



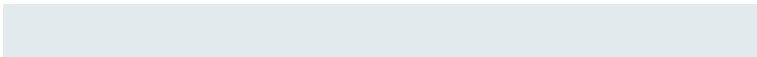
79.0717, 0.3216, 0.3321

Split Complementary

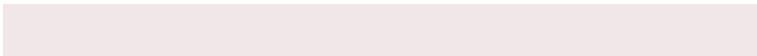
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5973, 0.3208, 0.3351



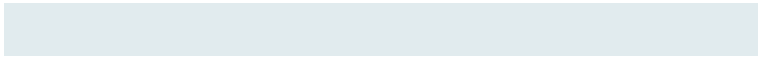
81.5973, 0.3043, 0.3259



81.5973, 0.3194, 0.3282

Square

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



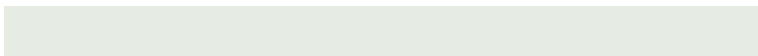
81.5973, 0.3043, 0.3259



81.5973, 0.3113, 0.3221



81.5973, 0.3212, 0.3320



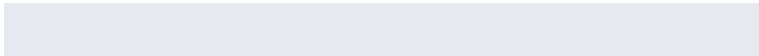
81.5973, 0.3141, 0.3360

Rectangle

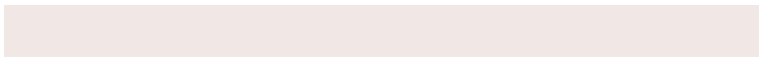
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



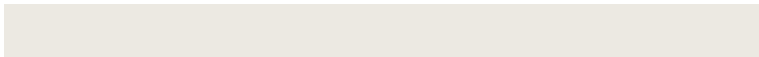
81.5973, 0.3043, 0.3259



81.5973, 0.3062, 0.3218



81.5973, 0.3212, 0.3320



81.5973, 0.3192, 0.3363

Sweetspot

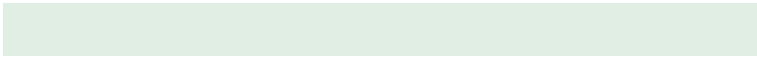
The Sweet Spot groups the original color and five complimentary colors.



81.6008, 0.3043, 0.3259



98.3064, 0.3096, 0.3279



82.7246, 0.3104, 0.3396



21.0594, 0.3098, 0.3279



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.



81.6008, 0.3043, 0.3259



94.2030, 0.3019, 0.3250



78.0410, 0.3044, 0.3193



17.5625, 0.3010, 0.3246



22.7214, 0.2038, 0.2538



2.0375, 0.2069, 0.2649

Inverse Universe

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



78.0247, 0.3152, 0.3187



88.8761, 0.3160, 0.3157



82.6168, 0.3211, 0.3386



16.4909, 0.3163, 0.3146



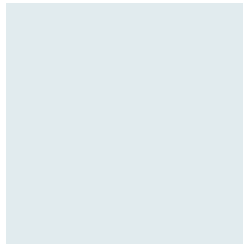
12.0871, 0.3885, 0.1914



1.0204, 0.3777, 0.1854

Previews

White Background



This preview shows how the Yxy color 81.5973, 0.3043, 0.3259 looks on a white background.

Color Contrast Check

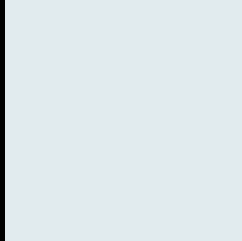
Large Text (above 18pt) WCAG AA × Fail

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 81.5973, 0.3043, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

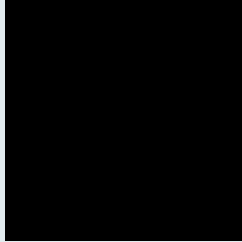
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

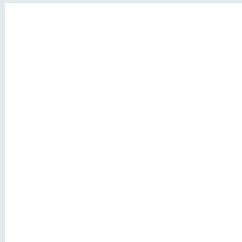
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.5973, 0.3043, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 81.5973, 0.3043, 0.3259.

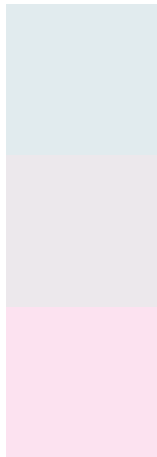


This preview shows how white text looks on a background with the Yxy color 81.5973, 0.3043, 0.3259.

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

81.5973, 0.3043, 0.3259

Protanopia

81.6022, 0.3129, 0.3249

Deuteranopia

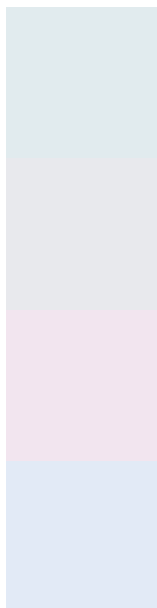
81.3794, 0.3217, 0.3152



Tritanopia

81.5738, 0.2978, 0.3105

Trichromacy



Original Color

81.5973, 0.3043, 0.3259

Protanomaly

81.5481, 0.3096, 0.3249

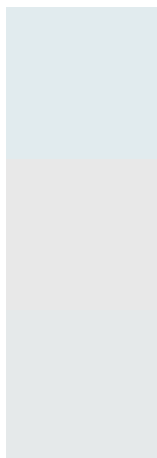
Deuteranomaly

81.1479, 0.3152, 0.3189

Tritanomaly

81.6682, 0.3001, 0.3166

Monochromacy



Original Color

81.5973, 0.3043, 0.3259

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.8764, 0.3094, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.5973, 0.3043, 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(225, 235, 238)` looks like.

```
.text, #text, p{  
    color:rgb(225, 235, 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(225, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 235, 238) }
```

Border

The CSS property to change the border of an element to Yxy 81.5973, 0.3043, 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(225, 235, 238) }
```

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

```
.border{ border-color:rgb(225, 235, 238) }
```

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

Here you see how a box with a 4 pixel rgb(225, 235, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(225, 235,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 81.5973, 0.3043, 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(225, 235, 238) }
```

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

```
.background{ background-color: rgb(225,  
235, 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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