

Converting Colors

Yxy(82.4410, 0.3092, 0.3306)

Have a look what the booklet for
Yxy(82.4410, 0.3092, 0.3306)
contains.

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Color

Yxy(82.5894, 0.3093, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	E5ECEA
RGB	229, 236, 234
RGB Percent	90%, 93%, 92%
CMY	0.1020, 0.0745, 0.0824
CMYK	0.03, 0.00, 0.01, 0.07
HSL	163°, 16%, 91%
HSV	163°, 3%, 93%
XYZ	77.1516, 82.5894, 89.6984
YIQ	233.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

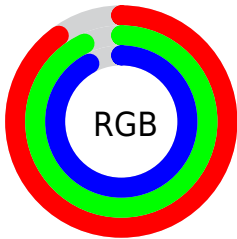
Format	Color
R _Y B	229, 233, 236
Decimal	15068394
CIE Lab	92.83, -2.70, 0.16
CIE LCh	93, 2.704, 176.643
Yxy	82.5894, 0.3093, 0.3311
Android (android.graphics.Color)	4293258474 (0xFFE5ECEA)
YUV	233.6790, 0.1583, -4.1035
Hunter-Lab	90.8787, -7.4999, 5.0951

Details

The Yxy color **82.5894, 0.3093, 0.3311** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.6327, 0.3163, 0.3269**, and the grayscale version is **82.0237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8555, 0.3092, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **78.5860, 0.2981, 0.3387**, and if you desaturate by 10%, it is **87.1428, 0.3208, 0.3243**.

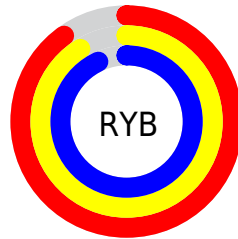
Distribution



Red (90%)

Green (93%)

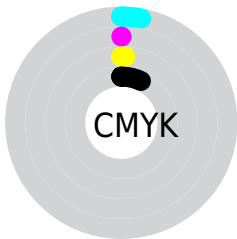
Blue (92%)



Red (90%)

Yellow (91%)

Blue (93%)

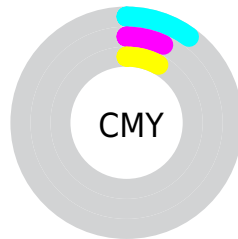


Cyan (3%)

Magenta (0%)

Yellow (1%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5894, 0.3093, 0.3311 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 82.5894, 0.3093, 0.3311 by changing the saturation by 10% instead.

■ 82.5894, 0.3093,
0.3311

■ 82.5894, 0.3093,
0.3311

503.6171, 0.3109,
0.3302

■ 61.8515, 0.3090,
0.3313

137.0002, 0.3098,
0.3308

■ 44.9127, 0.3085,
0.3316

171.4419, 0.3100,
0.3307

■ 31.3887, 0.3080,
0.3319

211.2204, 0.3102,
0.3305

■ 20.8950, 0.3073,
0.3323

256.7199, 0.3104,
0.3304

■ 13.0473, 0.3064,
0.3329

308.3249, 0.3105,
0.3304

■ 7.4611, 0.3051,
0.3337

366.4199, 0.3106,

■ 3.7521, 0.3031,

0.3303

0.3349

431.3891, 0.3108,
0.3302

■ 1.5359, 0.2998,
0.3369

■ 0.3138, 0.2650,
0.3579

■ 82.5894, 0.3093,
0.3311

■ 82.5894, 0.3093,
0.3311

■ 78.5860, 0.2981,
0.3387

■ 87.1428, 0.3208,
0.3243

■ 75.1007, 0.2874,
0.3470

■ 88.0145, 0.3181,
0.3177

■ 72.1142, 0.2775,
0.3560

■ 88.4457, 0.3139,
0.3112

■ 69.6021, 0.2688,
0.3658

■ 88.4792, 0.3136,
0.3107

■ 67.5379, 0.2615,
0.3761

■ 65.8923, 0.2559,
0.3868

■ 64.6324, 0.2522,
0.3978

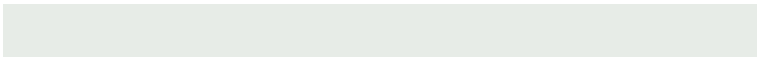
■ 63.7206, 0.2506,
0.4089

■ 63.1110, 0.2510,
0.4199

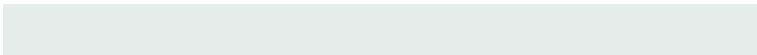
Harmonies

Analogous

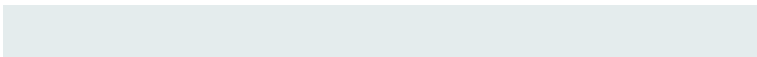
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5894, 0.3123, 0.3333



82.5894, 0.3093, 0.3311



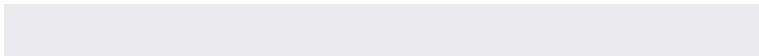
82.5894, 0.3072, 0.3283

Triad

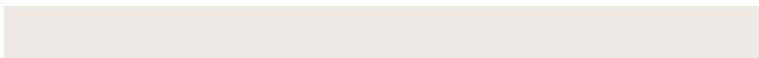
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5894, 0.3093, 0.3311



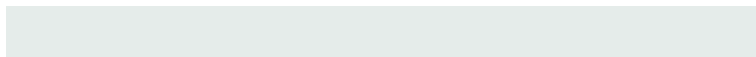
82.5894, 0.3101, 0.3237



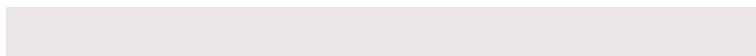
82.5894, 0.3188, 0.3323

Complementary

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



82.5894, 0.3093, 0.3311



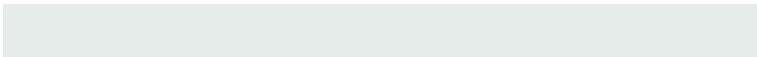
79.6327, 0.3163, 0.3269

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.



82.5894, 0.3182, 0.3297



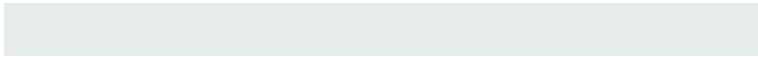
82.5894, 0.3093, 0.3311



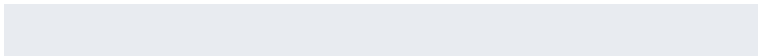
82.5894, 0.3132, 0.3248

Square

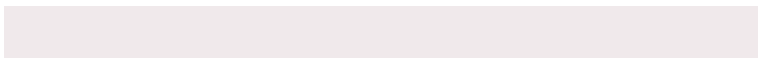
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



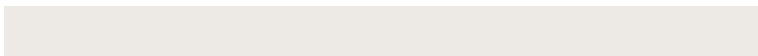
82.5894, 0.3093, 0.3311



82.5894, 0.3077, 0.3240



82.5894, 0.3162, 0.3270



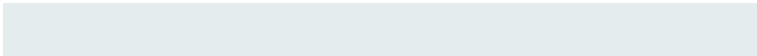
82.5894, 0.3178, 0.3340

Rectangle

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



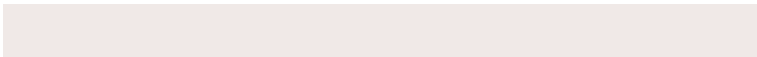
82.5894, 0.3093, 0.3311



82.5894, 0.3067, 0.3265



82.5894, 0.3162, 0.3270



82.5894, 0.3188, 0.3315

Sweetspot

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



82.5929, 0.3093, 0.3311



99.4721, 0.3116, 0.3297



82.6590, 0.3138, 0.3363



21.2967, 0.3116, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

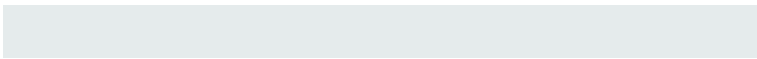
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5929, 0.3093, 0.3311



97.9277, 0.3081, 0.3319



81.9035, 0.3081, 0.3275



17.4521, 0.3073, 0.3324



34.6430, 0.2516, 0.4258



2.7369, 0.2474, 0.4107

Inverse Universe

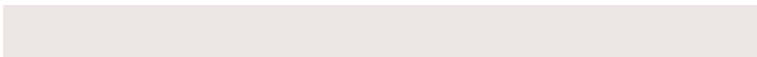
The Inverse Universe completely reimagines the original color for something new.



79.6327, 0.3163, 0.3269



93.2059, 0.3175, 0.3262



80.3000, 0.3175, 0.3305



16.4620, 0.3184, 0.3257



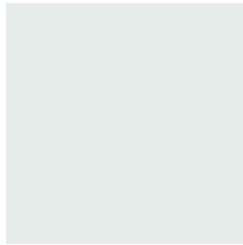
10.0816, 0.5796, 0.2966



0.8078, 0.5402, 0.2749

Previews

White Background



This preview shows how the Yxy color 82.5894, 0.3093, 0.3311 looks on a white background.

Color Contrast Check

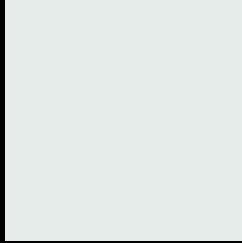
Large Text (above 18pt) WCAG AA × Fail

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 82.5894, 0.3093, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

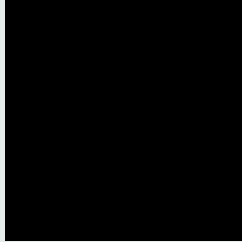
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

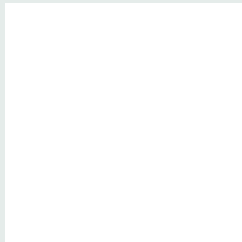
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5894, 0.3093, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 82.5894, 0.3093, 0.3311.

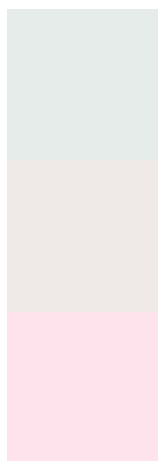


This preview shows how white text looks on a background with the Yxy color 82.5894, 0.3093, 0.3311.

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

82.5894, 0.3093, 0.3311

Protanopia

82.4547, 0.3174, 0.3300

Deuteranopia

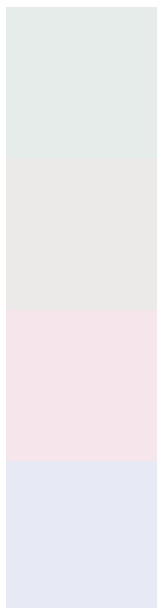
82.2543, 0.3264, 0.3202



Tritanopia

82.4619, 0.3004, 0.3097

Trichromacy



Original Color

82.5894, 0.3093, 0.3311

Protanomaly

82.3910, 0.3140, 0.3300

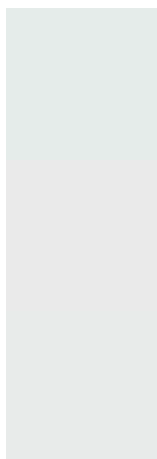
Deuteranomaly

82.1846, 0.3205, 0.3240

Tritanomaly

82.4271, 0.3040, 0.3177

Monochromacy



Original Color

82.5894, 0.3093, 0.3311

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.5130, 0.3113, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5894, 0.3093, 0.3311 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(229, 236, 234)` looks like.

```
.text, #text, p{  
    color:rgb(229, 236, 234)  
}
```

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(229, 236, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 236, 234) }
```

Border

The CSS property to change the border of an element to Yxy 82.5894, 0.3093, 0.3311 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(229, 236, 234) }
```

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

```
.border{ border-color:rgb(229, 236, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 236, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 236, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 236, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 236,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5894, 0.3093, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 236, 234) }
```

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

```
.background{ background-color: rgb(229,  
236, 234) }
```

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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