

Converting Colors

Yxy(87.9694, 0.3138, 0.3340)

Have a look what the booklet for
Yxy(87.9694, 0.3138, 0.3340)
contains.

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Color

Yxy(87.9694, 0.3138, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	EFF2ED
RGB	239, 242, 237
RGB Percent	94%, 95%, 93%
CMY	0.0626, 0.0510, 0.0705
CMYK	0.01, 0.00, 0.02, 0.05
HSL	96°, 16%, 94%
HSV	96°, 2%, 95%
XYZ	82.6491, 87.9694, 92.7629
YIQ	240.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

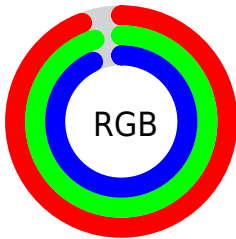
Format	Color
R _Y B	237, 242, 240
Decimal	15725293
CIE Lab	95.15, -1.85, 2.04
CIE LCh	95, 2.749, 132.208
Yxy	87.9694, 0.3138, 0.3340
Android (android.graphics.Color)	4293915373 (0xFFEFF2ED)
YUV	240.5330, -1.7418, -1.3444
Hunter-Lab	93.7920, -6.8426, 7.0149

Details

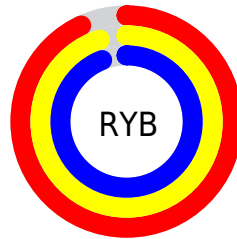
The Yxy color **87.9694, 0.3138, 0.3340** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5133, 0.3116, 0.3240**, and the grayscale version is **87.5994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5213, 0.3141, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **84.2534, 0.3191, 0.3599**, and if you desaturate by 10%, it is **91.6746, 0.3123, 0.3165**.

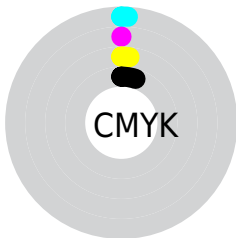
Distribution



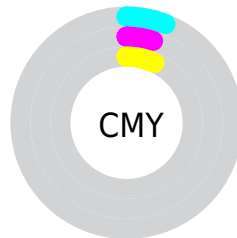
- Red (94%)
- Green (95%)
- Blue (93%)



- Red (93%)
- Yellow (95%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)




- Cyan (6%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.9694, 0.3138, 0.3340 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 87.9694, 0.3138, 0.3340 by changing the saturation by 10% instead.


 87.9694, 0.3138,
0.3340

 87.9694, 0.3138,
0.3340

521.4030, 0.3133,
0.3318

 66.2977, 0.3139,
0.3345

144.5146, 0.3136,
0.3332

 48.5141, 0.3140,
0.3351

180.1568, 0.3136,
0.3329

 34.2342, 0.3142,
0.3359


221.2248, 0.3135,
0.3327

 23.0736, 0.3144,
0.3368

268.1027, 0.3135,
0.3324

 14.6479, 0.3147,
0.3381

321.1751, 0.3134,
0.3322

 8.5726, 0.3150,
0.3399

380.8264, 0.3134,

 4.4635, 0.3156,

0.3321

447.4409, 0.3134,
0.3319

0.3426

■ 1.9361, 0.3164,
0.3471

■ 0.5699, 0.3215,
0.3689

■ 87.9694, 0.3138,
0.3340

■ 87.9694, 0.3138,
0.3340

■ 84.2534, 0.3191,
0.3599

■ 91.6746, 0.3123,
0.3165

■ 80.9106, 0.3241,
0.3881

■ 91.9783, 0.3133,
0.3165

■ 77.9318, 0.3288,
0.4183

■ 75.3034, 0.3326,
0.4495

■ 73.0109, 0.3352,
0.4808

■ 71.0384, 0.3363,
0.5104

■ 69.3688, 0.3355,
0.5367

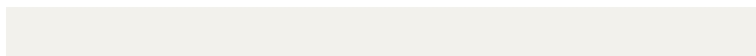
■ 67.9827, 0.3328,
0.5580

■ 66.8577, 0.3282,
0.5731

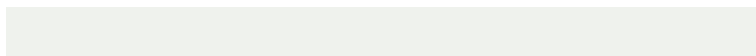
Harmonies

Analogous

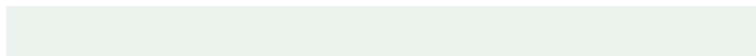
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9694, 0.3167, 0.3344



87.9694, 0.3138, 0.3340



87.9694, 0.3107, 0.3323

Triad

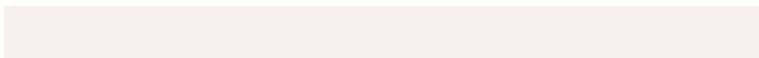
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9694, 0.3138, 0.3340



87.9694, 0.3070, 0.3247



87.9694, 0.3174, 0.3284

Complementary

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



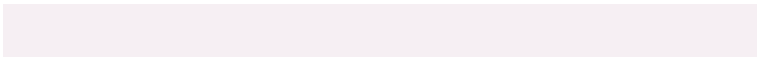
87.9694, 0.3138, 0.3340



85.5133, 0.3116, 0.3240

Split Complementary

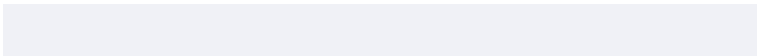
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9694, 0.3148, 0.3258



87.9694, 0.3138, 0.3340



87.9694, 0.3088, 0.3237

Square

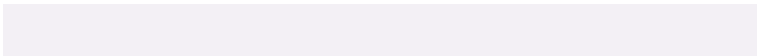
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



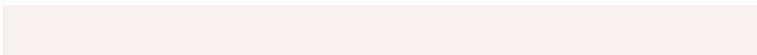
87.9694, 0.3138, 0.3340



87.9694, 0.3068, 0.3269



87.9694, 0.3116, 0.3241



87.9694, 0.3187, 0.3311

Rectangle

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



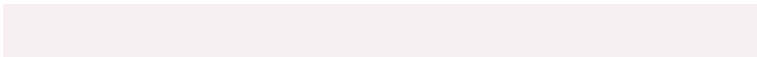
87.9694, 0.3138, 0.3340



87.9694, 0.3088, 0.3306



87.9694, 0.3116, 0.3241



87.9694, 0.3166, 0.3274

Sweetspot

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



87.9732, 0.3138, 0.3340



99.5513, 0.3132, 0.3314



87.2654, 0.3158, 0.3319



21.3128, 0.3132, 0.3313



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.



87.9732, 0.3138, 0.3340



99.1070, 0.3138, 0.3339



87.6474, 0.3122, 0.3336



18.5736, 0.3137, 0.3336



35.6015, 0.3250, 0.5802



3.0184, 0.3352, 0.5720

Inverse Universe

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



85.5133, 0.3116, 0.3240



96.3973, 0.3116, 0.3241



85.8442, 0.3132, 0.3244



18.0938, 0.3117, 0.3244



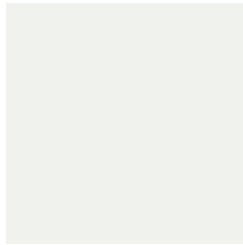
6.6846, 0.2216, 0.0995



0.6141, 0.2344, 0.1065

Previews

White Background



This preview shows how the Yxy color 87.9694, 0.3138, 0.3340 looks on a white background.

Color Contrast Check

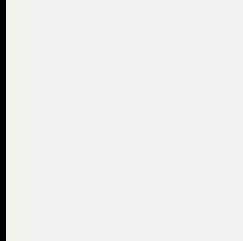
Large Text (above 18pt) WCAG AA × Fail

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 87.9694, 0.3138, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

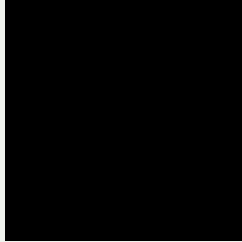
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

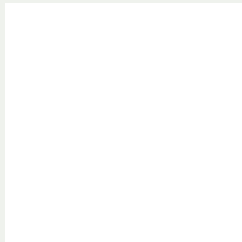
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.9694, 0.3138, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 87.9694, 0.3138, 0.3340.

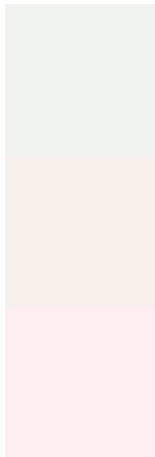


This preview shows how white text looks on a background with the Yxy color 87.9694, 0.3138, 0.3340.

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

87.9694, 0.3138, 0.3340

Protanopia

87.9691, 0.3191, 0.3330

Deuteranopia

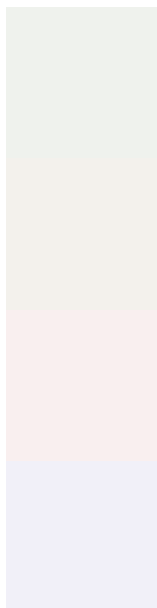
88.1196, 0.3229, 0.3261



Tritanopia

87.8302, 0.3050, 0.3132

Trichromacy



Original Color

87.9694, 0.3138, 0.3340

Protanomaly

88.0214, 0.3171, 0.3340

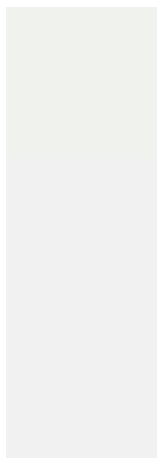
Deuteranomaly

88.1047, 0.3193, 0.3290

Tritanomaly

87.7983, 0.3085, 0.3210

Monochromacy



Original Color

87.9694, 0.3138, 0.3340

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.7271, 0.3127, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.9694, 0.3138, 0.3340 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(239, 242, 237) looks like.

```
.text, #text, p{  
    color:rgb(239, 242, 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(239, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 242, 237) }
```

Border

The CSS property to change the border of an element to Yxy 87.9694, 0.3138, 0.3340 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(239, 242, 237) }
```

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

```
.border{ border-color:rgb(239, 242, 237) }
```

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

Here you see how a box with a 4 pixel rgb(239, 242, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(239, 242,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 87.9694, 0.3138, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 242, 237) }
```

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

```
.background{ background-color: rgb(239,  
242, 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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