

Converting Colors

Yxy(87.9609, 0.3137, 0.3319)

Have a look what the booklet for
Yxy(87.9609, 0.3137, 0.3319)
contains.

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Color

Yxy(87.6679, 0.3133, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	F0F1EF
RGB	240, 241, 239
RGB Percent	94%, 95%, 94%
CMY	0.0587, 0.0549, 0.0627
CMYK	0.00, 0.00, 0.01, 0.05
HSL	89°, 7%, 94%
HSV	89°, 1%, 95%
XYZ	82.9799, 87.6679, 94.2099
YIQ	240.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

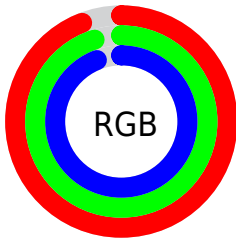
Format	Color
RYB	239, 241, 240
Decimal	15790575
CIELab	95.02, -0.66, 0.84
CIELCh	95, 1.067, 128.404
Yxy	87.6679, 0.3133, 0.3310
Android (android.graphics.Color)	4293980655 (0xFFFF0F1EF)
YUV	240.4730, -0.7262, -0.4148
Hunter-Lab	93.6311, -5.6602, 5.8853

Details

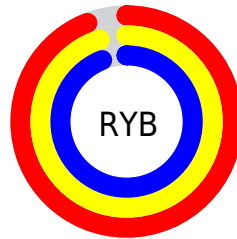
The Yxy color **87.6679, 0.3133, 0.3310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.6029, 0.3121, 0.3270**, and the grayscale version is **87.5396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.3072, 0.3134, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **84.3806, 0.3204, 0.3564**, and if you desaturate by 10%, it is **90.7488, 0.3111, 0.3155**.

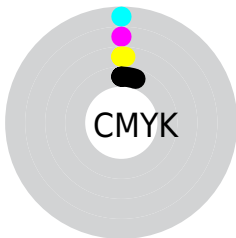
Distribution



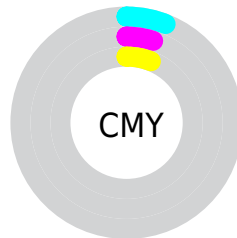
- Red (94%)
- Green (95%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.6679, 0.3133, 0.3310 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 87.6679, 0.3133, 0.3310 by changing the saturation by 10% instead.

87.6679, 0.3133,
0.3310

87.6679, 0.3133,
0.3310

520.4151, 0.3130,
0.3301

66.0481, 0.3134,
0.3312

144.0947, 0.3132,
0.3307

48.3114, 0.3134,
0.3314

179.6705, 0.3132,
0.3306

34.0736, 0.3135,
0.3317

220.6670, 0.3131,
0.3305

22.9501, 0.3136,
0.3321

267.4687, 0.3131,
0.3304

14.5567, 0.3138,
0.3326

320.4600, 0.3131,
0.3303

8.5089, 0.3140,
0.3333

380.0252, 0.3131,

4.4222, 0.3143,

0.3302

0.3344

446.5488, 0.3131,
0.3302

■ 1.9125, 0.3148,
0.3361

■ 0.5558, 0.3172,
0.3442

■ 87.6679, 0.3133,
0.3310

■ 87.6679, 0.3133,
0.3310

■ 84.3806, 0.3204,
0.3564

■ 90.7488, 0.3111,
0.3155

■ 81.3986, 0.3274,
0.3839

■ 91.3875, 0.3133,
0.3156

■ 78.7152, 0.3340,
0.4129

■ 76.3195, 0.3398,
0.4428

■ 74.1995, 0.3444,
0.4724

■ 72.3423, 0.3474,
0.5004

■ 70.7340, 0.3482,
0.5253

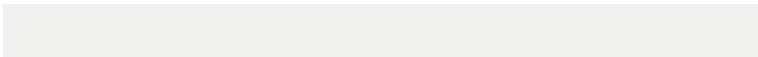
■ 69.3585, 0.3468,
0.5457

■ 68.1972, 0.3431,
0.5605

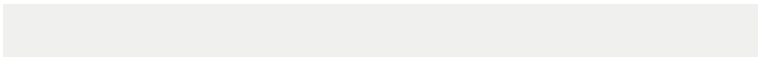
Harmonies

Analogous

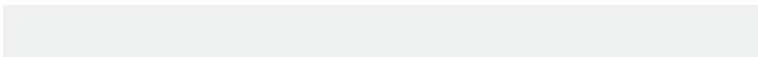
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6679, 0.3144, 0.3311



87.6679, 0.3133, 0.3310



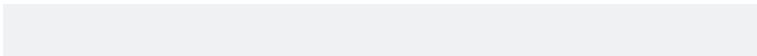
87.6679, 0.3121, 0.3304

Triad

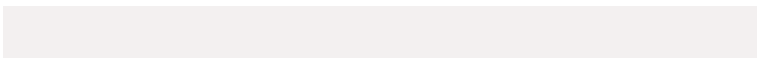
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6679, 0.3133, 0.3310



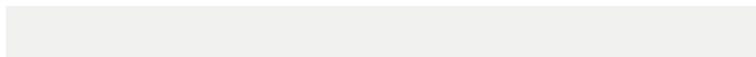
87.6679, 0.3105, 0.3274



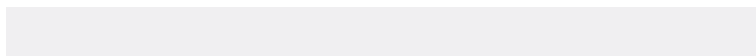
87.6679, 0.3144, 0.3286

Complementary

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



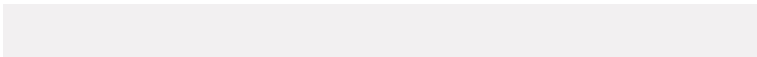
87.6679, 0.3133, 0.3310



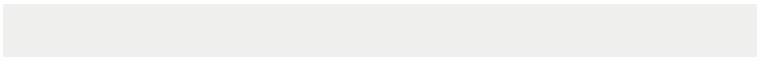
86.6029, 0.3121, 0.3270

Split Complementary

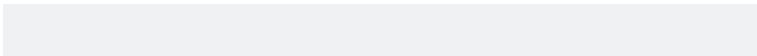
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6679, 0.3134, 0.3277



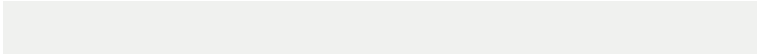
87.6679, 0.3133, 0.3310



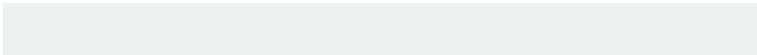
87.6679, 0.3111, 0.3270

Square

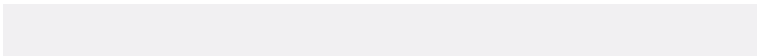
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



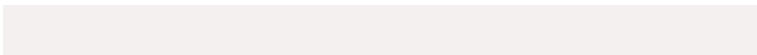
87.6679, 0.3133, 0.3310



87.6679, 0.3104, 0.3283



87.6679, 0.3121, 0.3271



87.6679, 0.3150, 0.3297

Rectangle

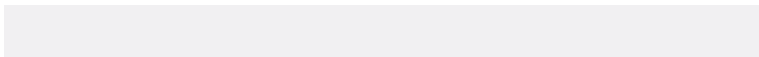
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



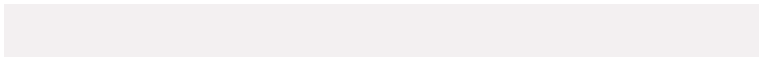
87.6679, 0.3133, 0.3310



87.6679, 0.3113, 0.3298



87.6679, 0.3121, 0.3271



87.6679, 0.3141, 0.3283

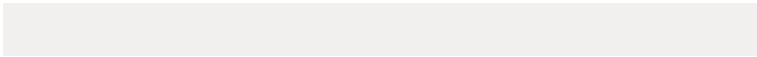
Sweetspot

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



87.6717, 0.3133, 0.3310

100.0000, 0.3127, 0.3290



87.2122, 0.3140, 0.3299



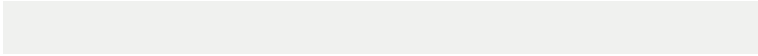
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



87.6717, 0.3133, 0.3310



99.6055, 0.3134, 0.3314



87.5023, 0.3127, 0.3310



18.6619, 0.3134, 0.3313



36.5749, 0.3394, 0.5687



3.1019, 0.3492, 0.5610

Inverse Universe

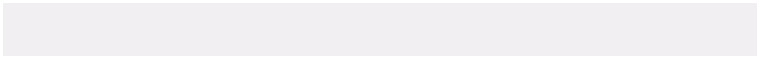
The Inverse Universe completely reimagines the original color for something new.



86.6029, 0.3121, 0.3270



98.1331, 0.3120, 0.3266



86.7731, 0.3128, 0.3270



18.4013, 0.3120, 0.3267



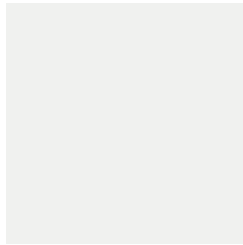
5.5234, 0.1985, 0.0867



0.5184, 0.2129, 0.0946

Previews

White Background



This preview shows how the Yxy color 87.6679, 0.3133, 0.3310 looks on a white background.

Color Contrast Check

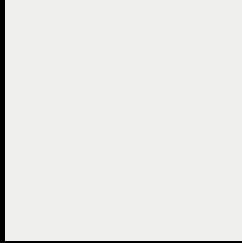
Large Text (above 18pt) WCAG AA × Fail

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 87.6679, 0.3133, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

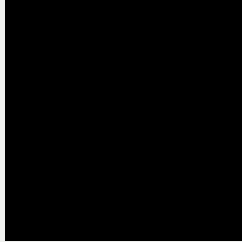
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

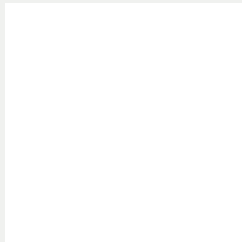
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.6679, 0.3133, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 87.6679, 0.3133, 0.3310.

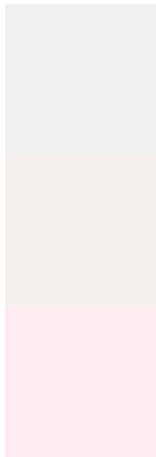


This preview shows how white text looks on a background with the Yxy color 87.6679, 0.3133, 0.3310.

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

87.6679, 0.3133, 0.3310

Protanopia

87.3185, 0.3173, 0.3300

Deuteranopia

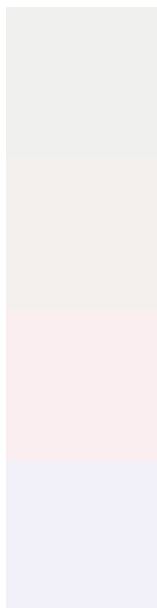
87.6018, 0.3223, 0.3241



Tritanopia

88.0077, 0.3057, 0.3132

Trichromacy



Original Color

87.6679, 0.3133, 0.3310

Protanomaly

87.5479, 0.3159, 0.3310

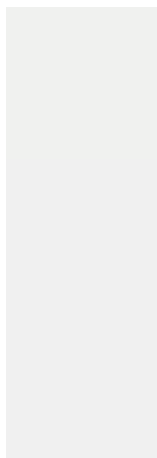
Deuteranomaly

87.7643, 0.3195, 0.3271

Tritanomaly

88.0370, 0.3086, 0.3201

Monochromacy



Original Color

87.6679, 0.3133, 0.3310

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.1367, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.6679, 0.3133, 0.3310 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(240, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(240, 241, 239)  
}
```

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(240, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 239) }
```

Border

The CSS property to change the border of an element to Yxy 87.6679, 0.3133, 0.3310 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(240, 241, 239) }
```

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

```
.border{ border-color:rgb(240, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 241,  
239) }
```

Background

The CSS property to change the background color of an element to Yxy 87.6679, 0.3133, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 241, 239) }
```

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

```
.background{ background-color: rgb(240,  
241, 239) }
```

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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