

Converting Colors

Yxy(87.4978, 0.3129, 0.3240)

Have a look what the booklet for
Yxy(87.4978, 0.3129, 0.3240)
contains.

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Color

Yxy(87.4978, 0.3129, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	F4EFF4
RGB	244, 239, 244
RGB Percent	96%, 94%, 96%
CMY	0.0433, 0.0627, 0.0430
CMYK	0.00, 0.02, 0.00, 0.04
HSL	299°, 19%, 95%
HSV	299°, 2%, 96%
XYZ	84.5002, 87.4978, 98.0569
YIQ	241.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

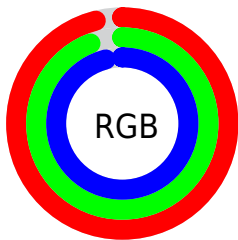
Format	Color
RYB	244, 239, 244
Decimal	16052212
CIELab	94.95, 2.55, -1.85
CIELCh	95, 3.147, 324.054
Yxy	87.4978, 0.3129, 0.3240
Android (android.graphics.Color)	4294242292 (0xFFF4EFF4)
YUV	241.0650, 1.4470, 2.5740
Hunter-Lab	93.5403, -2.4463, 3.3253

Details

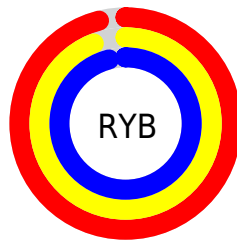
The Yxy color $87.4978, 0.3129, 0.3240$ is a light color, and the websafe version is hex FFFFFF. A complement of this color would be $89.3269, 0.3125, 0.3340$, and the grayscale version is $88.0053, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $48.1892, 0.3130, 0.3227$ is the 20% darker color. If you saturate the color by 10%, you get $74.0961, 0.3138, 0.2992$, and if you desaturate by 10%, it is $97.3484, 0.3124, 0.3397$.

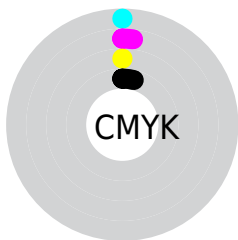
Distribution



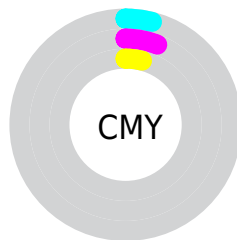
- Red (96%)
- Green (94%)
- Blue (96%)



- Red (96%)
- Yellow (94%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.4978, 0.3129, 0.3240 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 87.4978, 0.3129, 0.3240 by changing the saturation by 10% instead.


 87.4978, 0.3129,
0.3240

 87.4978, 0.3129,
0.3240


519.8572, 0.3128,
0.3262

 65.9072, 0.3129,
0.3235


143.8578, 0.3129,
0.3248

 48.1971, 0.3129,
0.3229


179.3960, 0.3129,
0.3251

 33.9830, 0.3130,
0.3222


220.3522, 0.3129,
0.3253

 22.8805, 0.3130,
0.3212

267.1108, 0.3128,
0.3256

 14.5053, 0.3130,
0.3199

320.0563, 0.3128,
0.3258

 8.4730, 0.3131,
0.3182

379.5729, 0.3128,

 4.3990, 0.3131,

0.3259

0.3156

446.0451, 0.3128,
0.3261

■ 1.8992, 0.3132,
0.3113

■ 0.5479, 0.3140,
0.2951

■ 87.4978, 0.3129,
0.3240

■ 87.4978, 0.3129,
0.3240

■ 74.0961, 0.3138,
0.2992

■ 97.3484, 0.3124,
0.3397

■ 62.5432, 0.3147,
0.2740


■ 97.4154, 0.3126,
0.3397

■ 52.7611, 0.3155,
0.2490


■ 97.4826, 0.3129,
0.3397

■ 44.6617, 0.3162,
0.2252


■ 97.5498, 0.3131,
0.3397


 38.1495, 0.3168,
0.2036


 97.6172, 0.3133,
0.3397

 33.1193, 0.3172,
0.1851


 97.6848, 0.3136,
0.3397


 29.4535, 0.3174,
0.1706

 97.7525, 0.3138,
0.3397

 27.0163, 0.3174,
0.1603

 97.8203, 0.3140,
0.3397

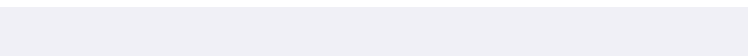
 25.6443, 0.3173,
0.1543

 97.8882, 0.3143,
0.3397

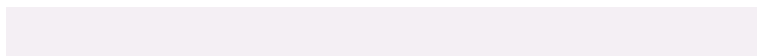
Harmonies

Analogous

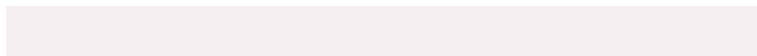
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4978, 0.3094, 0.3229



87.4978, 0.3129, 0.3240



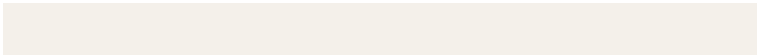
87.4978, 0.3164, 0.3264

Triad

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



87.4978, 0.3129, 0.3240



87.4978, 0.3187, 0.3346



87.4978, 0.3066, 0.3285

Complementary

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



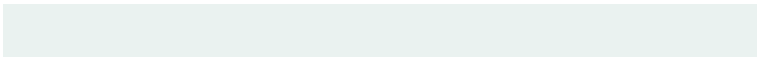
87.4978, 0.3129, 0.3240



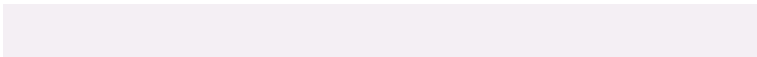
89.3269, 0.3125, 0.3340

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.



87.4978, 0.3091, 0.3317



87.4978, 0.3129, 0.3240



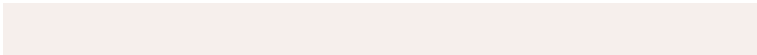
87.4978, 0.3160, 0.3352

Square

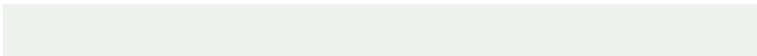
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.4978, 0.3129, 0.3240



87.4978, 0.3197, 0.3325



87.4978, 0.3125, 0.3341



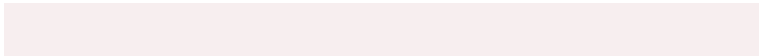
87.4978, 0.3058, 0.3255

Rectangle

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



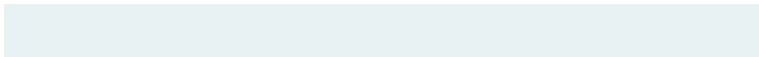
87.4978, 0.3129, 0.3240



87.4978, 0.3182, 0.3284



87.4978, 0.3125, 0.3341



87.4978, 0.3073, 0.3296

Sweetspot

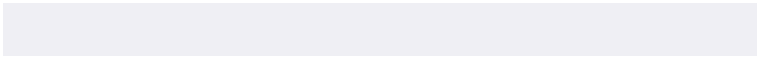
The Sweet Spot groups the original color and five complimentary colors.



87.5016, 0.3129, 0.3240



98.3764, 0.3128, 0.3266



86.6763, 0.3097, 0.3240



21.0737, 0.3128, 0.3267



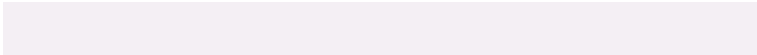
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

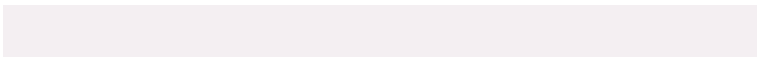
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5016, 0.3129, 0.3240



96.7743, 0.3129, 0.3241



87.3685, 0.3144, 0.3264



19.0006, 0.3129, 0.3244



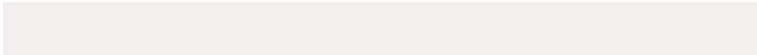
13.6558, 0.3171, 0.1521



1.2043, 0.3176, 0.1523

Inverse Universe

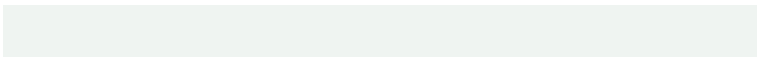
The Inverse Universe completely reimagines the original color for something new.



87.2183, 0.3160, 0.3289



96.4698, 0.3159, 0.3289



89.4582, 0.3110, 0.3316



18.9440, 0.3157, 0.3289



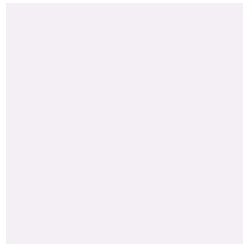
10.4641, 0.6385, 0.3291



0.9211, 0.6344, 0.3268

Previews

White Background



This preview shows how the Yxy color 87.4978, 0.3129, 0.3240 looks on a white background.

Color Contrast Check

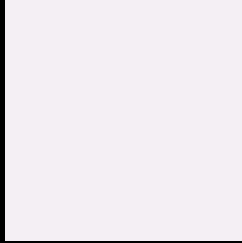
Large Text (above 18pt) WCAG AA × Fail

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 87.4978, 0.3129, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

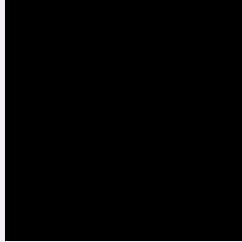
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

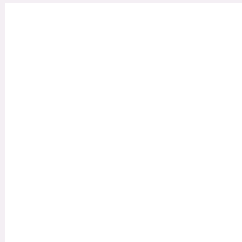
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.4978, 0.3129, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 87.4978, 0.3129, 0.3240.

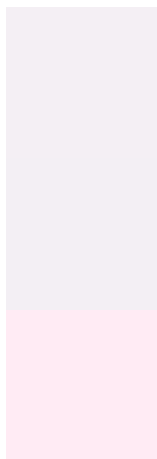


This preview shows how white text looks on a background with the Yxy color 87.4978, 0.3129, 0.3240.

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

87.4978, 0.3129, 0.3240

Protanopia

87.3193, 0.3123, 0.3240

Deuteranopia

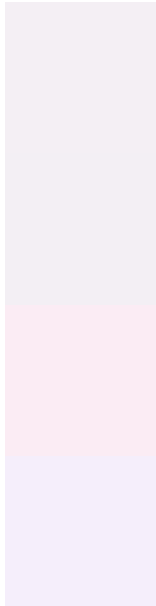
87.2083, 0.3205, 0.3203



Tritanopia

87.2009, 0.3070, 0.3113

Trichromacy



Original Color

87.4978, 0.3129, 0.3240

Protanomaly

87.3193, 0.3123, 0.3240

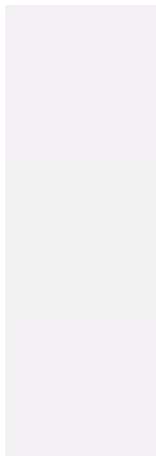
Deuteranomaly

87.0318, 0.3178, 0.3212

Tritanomaly

87.5266, 0.3094, 0.3162

Monochromacy



Original Color

87.4978, 0.3129, 0.3240

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.6082, 0.3128, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.4978, 0.3129, 0.3240 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(244, 239, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 239, 244)  
}
```

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(244, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 239, 244) }
```

Border

The CSS property to change the border of an element to Yxy 87.4978, 0.3129, 0.3240 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(244, 239, 244) }
```

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

```
.border{ border-color:rgb(244, 239, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 239, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 239, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 239, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 239,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 87.4978, 0.3129, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 239, 244) }
```

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

```
.background{ background-color: rgb(244,  
239, 244) }
```

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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