

Converting Colors

$Yxy(87.7666, 0.3084, 0.3270)$

Have a look what the booklet for
Yxy(87.7666, 0.3084, 0.3270)
contains.

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Color

Yxy(88.0404, 0.3083, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	EDF2F4
RGB	237, 242, 244
RGB Percent	93%, 95%, 96%
CMY	0.0706, 0.0510, 0.0432
CMYK	0.03, 0.01, 0.00, 0.04
HSL	197°, 24%, 94%
HSV	197°, 3%, 96%
XYZ	83.0057, 88.0404, 98.1906
YIQ	240.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

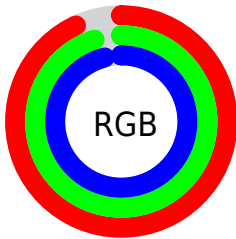
Format	Color
R _Y B	237, 240, 244
Decimal	15594228
CIE Lab	95.18, -1.29, -1.54
CIE LCh	95, 2.009, 230.050
Yxy	88.0404, 0.3083, 0.3270
Android (android.graphics.Color)	4293784308 (0xFFEDF2F4)
YUV	240.7330, 1.6106, -3.2738
Hunter-Lab	93.8298, -6.2939, 3.6354

Details

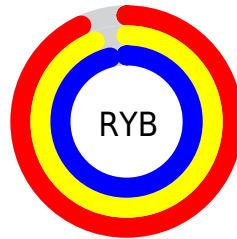
The Yxy color **88.0404, 0.3083, 0.3270** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.0691, 0.3172, 0.3310**, and the grayscale version is **87.7339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5724, 0.3071, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **80.0872, 0.2928, 0.3195**, and if you desaturate by 10%, it is **95.4926, 0.3195, 0.3338**.

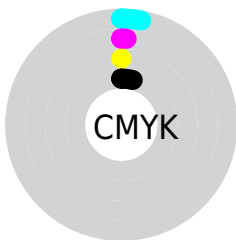
Distribution



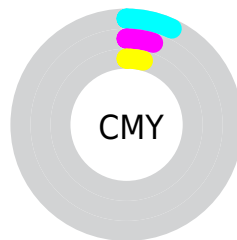
- Red (93%)
- Green (95%)
- Blue (96%)



- Red (93%)
- Yellow (94%)
- Blue (96%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0404, 0.3083, 0.3270 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 88.0404, 0.3083, 0.3270 by changing the saturation by 10% instead.

88.0404, 0.3083,
0.3270

88.0404, 0.3083,
0.3270

521.6355, 0.3103,
0.3279

66.3565, 0.3079,
0.3268

144.6134, 0.3090,
0.3273

48.5619, 0.3073,
0.3266

180.2713, 0.3092,
0.3274

34.2721, 0.3067,
0.3262

221.3560, 0.3095,
0.3275

23.1027, 0.3058,
0.3259

268.2520, 0.3097,
0.3276

14.6693, 0.3047,
0.3253

321.3435, 0.3098,
0.3277

8.5877, 0.3031,
0.3246

381.0150, 0.3100,

4.4732, 0.3008,

0.3278

447.6509, 0.3101,
0.3278

0.3235

1.9416, 0.2970,
0.3217

0.5732, 0.2823,
0.3152

88.0404, 0.3083,
0.3270

88.0404, 0.3083,
0.3270

80.0872, 0.2928,
0.3195

95.4926, 0.3195,
0.3338

72.8326, 0.2774,
0.3113

99.3105, 0.3191,
0.3396

66.2543, 0.2625,
0.3024

60.3241, 0.2484,
0.2928

■ 55.0117, 0.2354,
0.2827

■ 50.2838, 0.2240,
0.2722

■ 46.1032, 0.2143,
0.2614

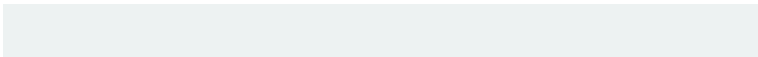
■ 42.4272, 0.2066,
0.2506

■ 39.2045, 0.2009,
0.2398

Harmonies

Analogous

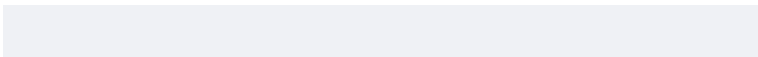
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0404, 0.3090, 0.3290



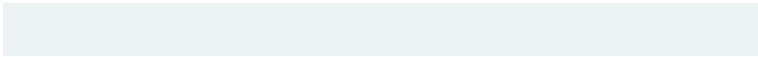
88.0404, 0.3083, 0.3270



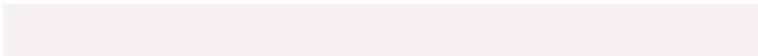
88.0404, 0.3088, 0.3256

Triad

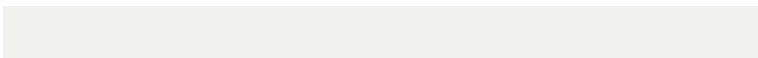
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0404, 0.3083, 0.3270



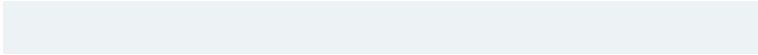
88.0404, 0.3148, 0.3271



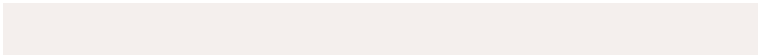
88.0404, 0.3151, 0.3330

Complementary

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



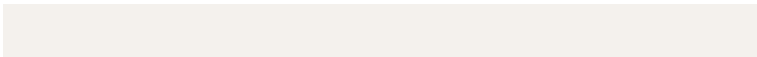
88.0404, 0.3083, 0.3270



87.0691, 0.3172, 0.3310

Split Complementary

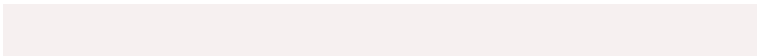
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0404, 0.3167, 0.3324



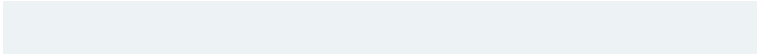
88.0404, 0.3083, 0.3270



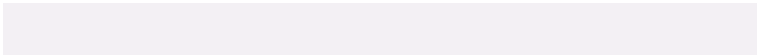
88.0404, 0.3165, 0.3291

Square

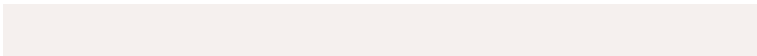
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



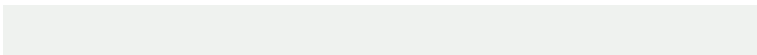
88.0404, 0.3083, 0.3270



88.0404, 0.3125, 0.3257



88.0404, 0.3172, 0.3310



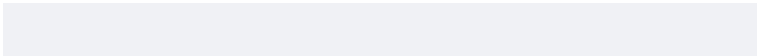
88.0404, 0.3129, 0.3324

Rectangle

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



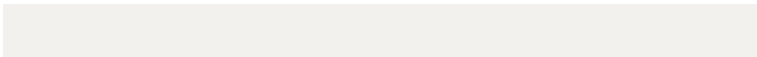
88.0404, 0.3083, 0.3270



88.0404, 0.3097, 0.3252



88.0404, 0.3172, 0.3310



88.0404, 0.3157, 0.3329

Sweetspot

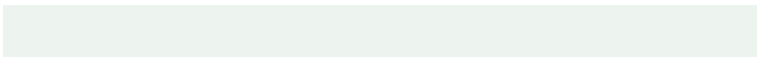
The Sweet Spot groups the original color and five complimentary colors.



88.0442, 0.3083, 0.3270



99.0593, 0.3112, 0.3283



88.9275, 0.3112, 0.3340



21.2127, 0.3112, 0.3283



0.0000, 0.0000, 0.0000



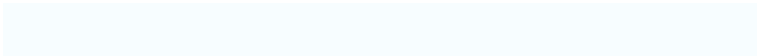
21.4041, 0.3127, 0.3290

Same Dimension

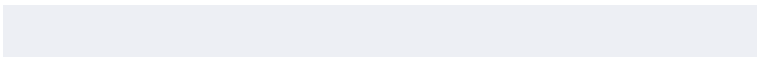
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0442, 0.3083, 0.3270



97.2023, 0.3081, 0.3269



85.9888, 0.3084, 0.3235



18.9098, 0.3068, 0.3263



20.4343, 0.1983, 0.2340



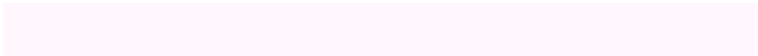
1.9700, 0.2020, 0.2473

Inverse Universe

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



86.2146, 0.3143, 0.3240



95.0769, 0.3143, 0.3238



89.1297, 0.3170, 0.3345



18.3880, 0.3148, 0.3224



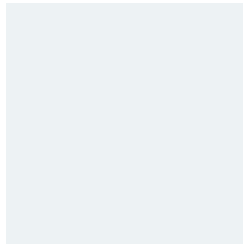
12.1622, 0.4085, 0.2024



1.0865, 0.3949, 0.1949

Previews

White Background



This preview shows how the Yxy color 88.0404, 0.3083, 0.3270 looks on a white background.

Color Contrast Check

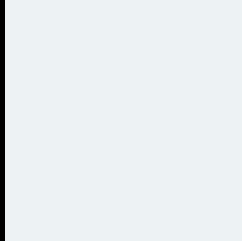
Large Text (above 18pt) WCAG AA × Fail

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 88.0404, 0.3083, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

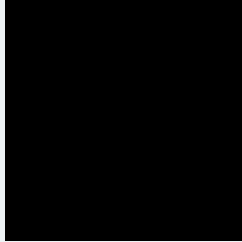
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

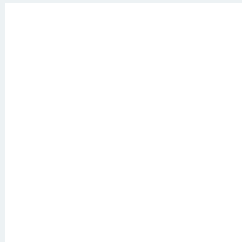
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0404, 0.3083, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 88.0404, 0.3083, 0.3270.

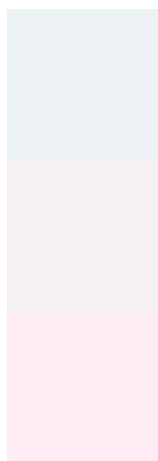


This preview shows how white text looks on a background with the Yxy color 88.0404, 0.3083, 0.3270.

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

88.0404, 0.3083, 0.3270

Protanopia

88.2037, 0.3142, 0.3260

Deuteranopia

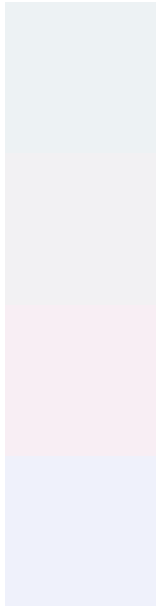
87.7826, 0.3204, 0.3212



Tritanopia

88.0654, 0.3037, 0.3142

Trichromacy



Original Color

88.0404, 0.3083, 0.3270

Protanomaly

88.2589, 0.3122, 0.3270

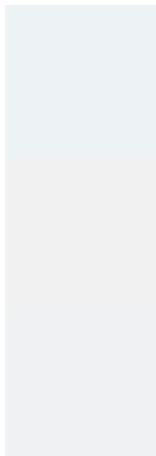
Deuteranomaly

87.6372, 0.3156, 0.3231

Tritanomaly

88.2264, 0.3054, 0.3190

Monochromacy



Original Color

88.0404, 0.3083, 0.3270

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.8467, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0404, 0.3083, 0.3270 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(237, 242, 244)` looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 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(237, 242, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 244) }
```

Border

The CSS property to change the border of an element to Yxy 88.0404, 0.3083, 0.3270 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(237, 242, 244) }
```

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

```
.border{ border-color:rgb(237, 242, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 242, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 244);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0404, 0.3083, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 242, 244) }
```

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

```
.background{ background-color: rgb(237,  
242, 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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