

Converting Colors

$Yxy(88.2306, 0.3124, 0.3244)$

Have a look what the booklet for
Yxy(88.2306, 0.3124, 0.3244)
contains.

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Color

Yxy(88.1458, 0.3123, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	F4F0F5
RGB	244, 240, 245
RGB Percent	96%, 94%, 96%
CMY	0.0430, 0.0589, 0.0391
CMYK	0.00, 0.02, 0.00, 0.04
HSL	288°, 20%, 95%
HSV	288°, 2%, 96%
XYZ	84.9628, 88.1458, 98.9464
YIQ	241.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

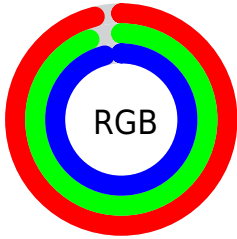
Format	Color
R_{YB}	244, 240, 245
Decimal	16052469
CIE Lab	95.22, 2.25, -1.96
CIE LCh	95, 2.980, 318.908
Yxy	88.1458, 0.3123, 0.3240
Android (android.graphics.Color)	4294242549 (0xFFFF4F0F5)
YUV	241.7660, 1.5944, 1.9592
Hunter-Lab	93.8860, -2.7657, 3.2345

Details

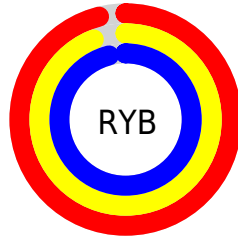
The Yxy color **88.1458, 0.3123, 0.3240** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.3133, 0.3131, 0.3340**, and the grayscale version is **88.5926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6465, 0.3122, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **73.8308, 0.3100, 0.2989**, and if you desaturate by 10%, it is **98.2306, 0.3147, 0.3387**.

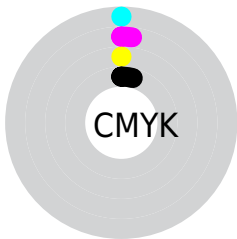
Distribution



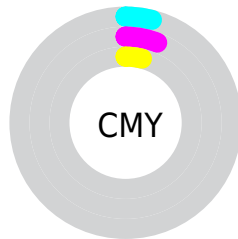
- Red (96%)
- Green (94%)
- Blue (96%)



- 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 88.1458, 0.3123, 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 88.1458, 0.3123, 0.3240 by changing the saturation by 10% instead.

 88.1458, 0.3123,
0.3240

 88.1458, 0.3123,
0.3240


521.9806, 0.3125,
0.3262

 66.4438, 0.3123,
0.3235


144.7601, 0.3124,
0.3248

 48.6328, 0.3122,
0.3229


180.4413, 0.3124,
0.3251

 34.3283, 0.3121,
0.3222


221.5509, 0.3124,
0.3253

 23.1459, 0.3120,
0.3212

268.4735, 0.3124,
0.3256

 14.7013, 0.3119,
0.3199

321.5933, 0.3125,
0.3258

 8.6100, 0.3118,
0.3182

381.2948, 0.3125,

 4.4877, 0.3115,

0.3259

0.3156

447.9625, 0.3125,
0.3261

■ 1.9499, 0.3111,
0.3114

■ 0.5781, 0.3101,
0.2967

■ 88.1458, 0.3123,
0.3240

■ 88.1458, 0.3123,
0.3240

■ 73.8308, 0.3100,
0.2989

■ 98.2306, 0.3147,
0.3387

■ 61.4049, 0.3072,
0.2727

■ 99.1297, 0.3177,
0.3386

■ 50.7891, 0.3038,
0.2461

■ 99.3745, 0.3185,
0.3386

■ 41.8942, 0.2998,
0.2199

■ 34.6237, 0.2954,
0.1952

■ 28.8711, 0.2905,
0.1732

■ 24.5173, 0.2853,
0.1547

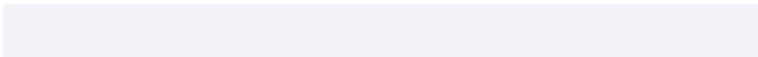
■ 21.4252, 0.2800,
0.1406

■ 19.4295, 0.2747,
0.1312

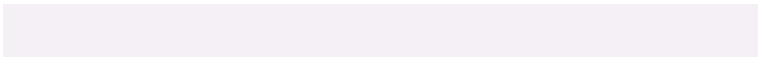
Harmonies

Analogous

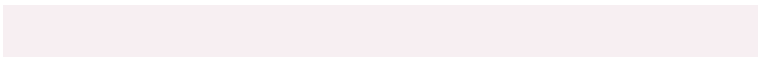
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1458, 0.3091, 0.3232



88.1458, 0.3123, 0.3240



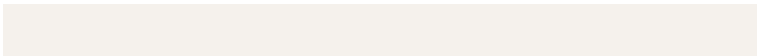
88.1458, 0.3156, 0.3261

Triad

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



88.1458, 0.3123, 0.3240



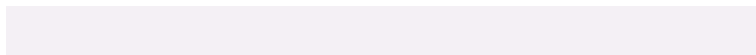
88.1458, 0.3186, 0.3340



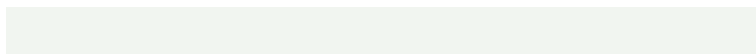
88.1458, 0.3073, 0.3290

Complementary

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



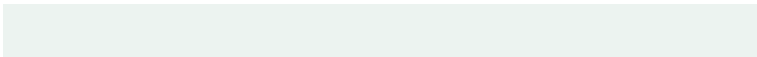
88.1458, 0.3123, 0.3240



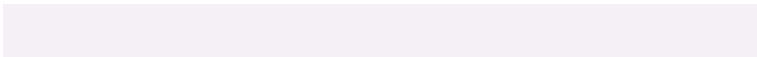
90.3133, 0.3131, 0.3340

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.



88.1458, 0.3098, 0.3320



88.1458, 0.3123, 0.3240



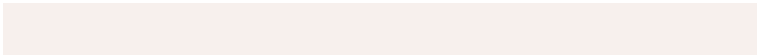
88.1458, 0.3164, 0.3349

Square

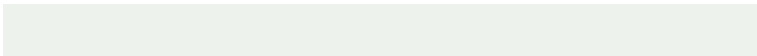
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1458, 0.3123, 0.3240



88.1458, 0.3193, 0.3319



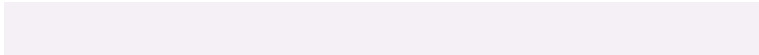
88.1458, 0.3131, 0.3341



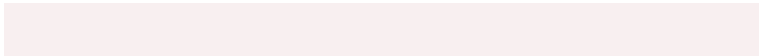
88.1458, 0.3062, 0.3261

Rectangle

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



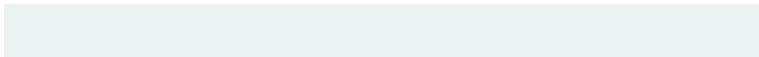
88.1458, 0.3123, 0.3240



88.1458, 0.3175, 0.3280



88.1458, 0.3131, 0.3341



88.1458, 0.3080, 0.3301

Sweetspot

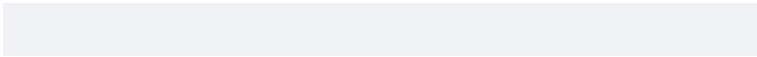
The Sweet Spot groups the original color and five complimentary colors.



88.1496, 0.3123, 0.3240



98.2885, 0.3125, 0.3266



88.0287, 0.3096, 0.3250



21.0558, 0.3125, 0.3267



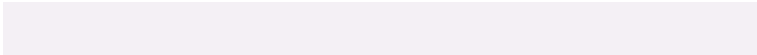
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

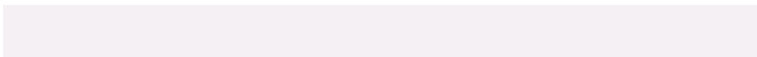
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1496, 0.3123, 0.3240



96.5988, 0.3123, 0.3241



88.2360, 0.3139, 0.3255



18.9680, 0.3123, 0.3244



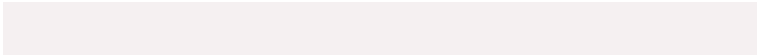
9.9817, 0.2714, 0.1269



0.9184, 0.2779, 0.1305

Inverse Universe

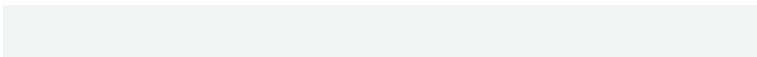
The Inverse Universe completely reimagines the original color for something new.



88.0835, 0.3154, 0.3280



96.5282, 0.3154, 0.3280



90.2290, 0.3116, 0.3325



18.9549, 0.3152, 0.3281



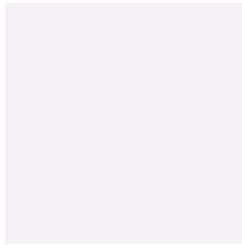
10.5897, 0.6083, 0.3125



0.9446, 0.5752, 0.2942

Previews

White Background



This preview shows how the Yxy color 88.1458, 0.3123, 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 88.1458, 0.3123, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

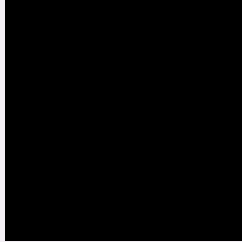
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

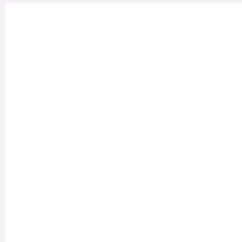
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1458, 0.3123, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 88.1458, 0.3123, 0.3240.

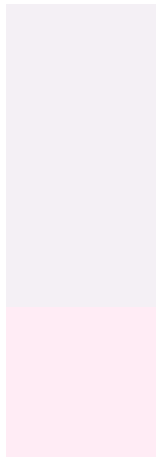


This preview shows how white text looks on a background with the Yxy color 88.1458, 0.3123, 0.3240.

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

88.1458, 0.3123, 0.3240

Protanopia

88.1458, 0.3123, 0.3240

Deuteranopia

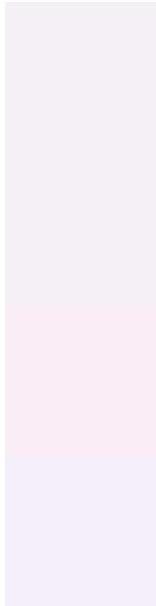
87.8435, 0.3198, 0.3203



Tritanopia

88.3655, 0.3070, 0.3133

Trichromacy



Original Color

88.1458, 0.3123, 0.3240

Protanomaly

88.1458, 0.3123, 0.3240

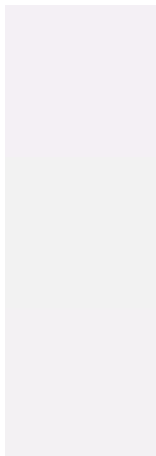
Deuteranomaly

87.6702, 0.3171, 0.3212

Tritanomaly

88.1105, 0.3094, 0.3172

Monochromacy



Original Color

88.1458, 0.3123, 0.3240

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.4363, 0.3128, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1458, 0.3123, 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, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(244, 240, 245)  
}
```

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, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 240, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.1458, 0.3123, 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, 240, 245) }
```

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

```
.border{ border-color:rgb(244, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(244, 240,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1458, 0.3123, 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, 240, 245) }
```

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

```
.background{ background-color: rgb(244,  
240, 245) }
```

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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