

Converting Colors

$Y_{xy}(88.1276, 0.3107, 0.3230)$

Have a look what the booklet for
Yxy(88.1276, 0.3107, 0.3230)
contains.

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Color

Yxy(88.0287, 0.3110, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	F3F0F6
RGB	243, 240, 246
RGB Percent	95%, 94%, 96%
CMY	0.0471, 0.0588, 0.0351
CMYK	0.01, 0.02, 0.00, 0.04
HSL	270°, 25%, 95%
HSV	270°, 2%, 96%
XYZ	84.7583, 88.0287, 99.7477
YIQ	241.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

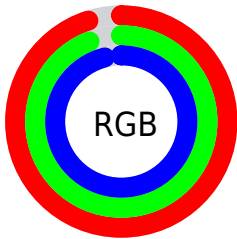
Format	Color
R_{YB}	243, 240, 246
Decimal	15986934
CIE _{Lab}	95.17, 2.07, -2.56
CIE _{LCh}	95, 3.297, 308.923
Yxy	88.0287, 0.3110, 0.3230
Android (android.graphics.Color)	4294177014 (0xFFFF3F0F6)
YUV	241.5810, 2.1786, 1.2445
Hunter-Lab	93.8236, -2.9382, 2.6429

Details

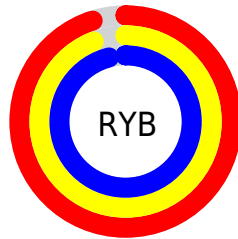
The Yxy color **88.0287, 0.3110, 0.3230** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.2966, 0.3144, 0.3350**, and the grayscale version is **88.4301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5635, 0.3106, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **72.3723, 0.3032, 0.2972**, and if you desaturate by 10%, it is **99.4366, 0.3179, 0.3376**.

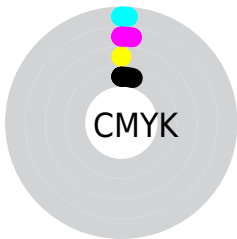
Distribution



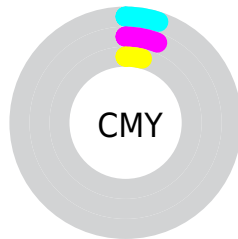
- Red (95%)
- Green (94%)
- Blue (96%)



- Red (95%)
- Yellow (94%)
- Blue (96%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)





- Cyan (5%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0287, 0.3110, 0.3230 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 88.0287, 0.3110, 0.3230 by changing the saturation by 10% instead.

 88.0287, 0.3110,
0.3230

 88.0287, 0.3110,
0.3230


521.5972, 0.3118,
0.3257

 66.3468, 0.3108,
0.3224

144.5971, 0.3113,
0.3239

 48.5540, 0.3106,
0.3217


180.2525, 0.3114,
0.3243

 34.2658, 0.3104,
0.3208


221.3344, 0.3115,
0.3246

 23.0979, 0.3100,
0.3197

268.2274, 0.3115,
0.3249

 14.6658, 0.3096,
0.3181

321.3157, 0.3116,
0.3251

 8.5852, 0.3089,
0.3160

380.9839, 0.3117,

 4.4716, 0.3080,

0.3253

0.3130

447.6163, 0.3117,
0.3255

■ 1.9407, 0.3064,
0.3079

■ 0.5727, 0.3019,
0.2906

■ 88.0287, 0.3110,
0.3230

■ 88.0287, 0.3110,
0.3230

■ 72.3723, 0.3032,
0.2972

■ 99.4366, 0.3179,
0.3376

■ 58.7453, 0.2942,
0.2694

■ 47.0645, 0.2838,
0.2400

■ 37.2369, 0.2722,
0.2099

■ 29.1612, 0.2595,
0.1802

■ 22.7264, 0.2461,
0.1524

■ 17.8082, 0.2326,
0.1280

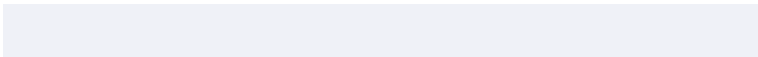
■ 14.2637, 0.2195,
0.1084

■ 11.9208, 0.2075,
0.0944

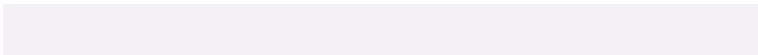
Harmonies

Analogous

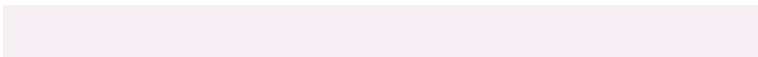
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0287, 0.3077, 0.3227



88.0287, 0.3110, 0.3230



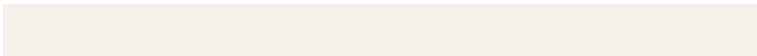
88.0287, 0.3148, 0.3249

Triad

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



88.0287, 0.3110, 0.3230



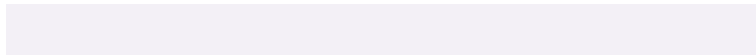
88.0287, 0.3197, 0.3339



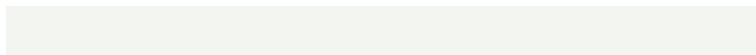
88.0287, 0.3075, 0.3302

Complementary

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



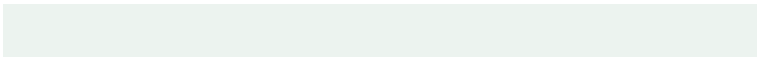
88.0287, 0.3110, 0.3230



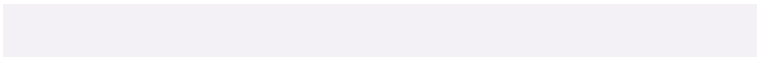
91.2966, 0.3144, 0.3350

Split Complementary

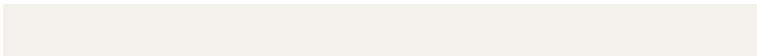
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0287, 0.3107, 0.3332



88.0287, 0.3110, 0.3230



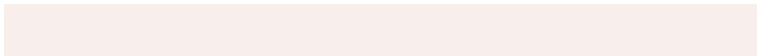
88.0287, 0.3177, 0.3354

Square

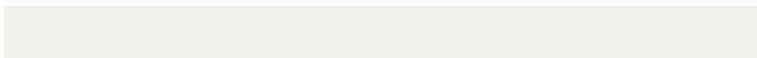
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0287, 0.3110, 0.3230



88.0287, 0.3198, 0.3312



88.0287, 0.3144, 0.3351



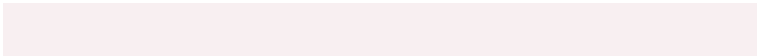
88.0287, 0.3057, 0.3268

Rectangle

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



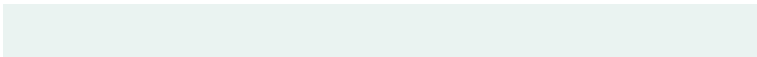
88.0287, 0.3110, 0.3230



88.0287, 0.3171, 0.3268



88.0287, 0.3144, 0.3351



88.0287, 0.3084, 0.3313

Sweetspot

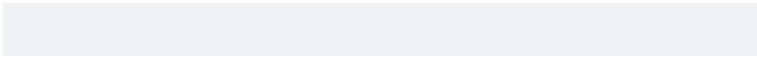
The Sweet Spot groups the original color and five complimentary colors.



88.0325, 0.3110, 0.3230



98.1397, 0.3120, 0.3266



89.3595, 0.3090, 0.3261



21.0255, 0.3121, 0.3267



0.0000, 0.0000, 0.0000



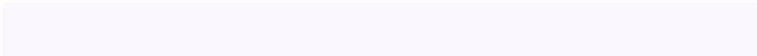
21.4041, 0.3127, 0.3290

Same Dimension

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



88.0325, 0.3110, 0.3230



94.4884, 0.3106, 0.3216



88.5629, 0.3129, 0.3230



18.2428, 0.3100, 0.3197



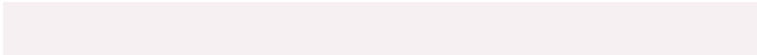
5.8208, 0.2010, 0.0881



0.5726, 0.2146, 0.0956

Inverse Universe

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



88.3995, 0.3148, 0.3260



94.9750, 0.3153, 0.3253



90.7744, 0.3125, 0.3350



18.3628, 0.3160, 0.3243



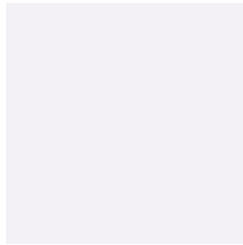
11.2709, 0.4933, 0.2491



1.0114, 0.4658, 0.2340

Previews

White Background



This preview shows how the Yxy color 88.0287, 0.3110, 0.3230 looks on a white background.

Color Contrast Check

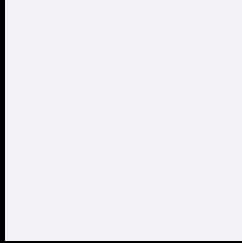
Large Text (above 18pt) WCAG AA × Fail

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 88.0287, 0.3110, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

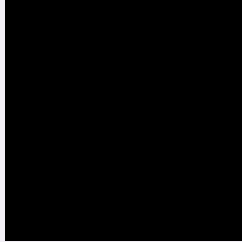
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

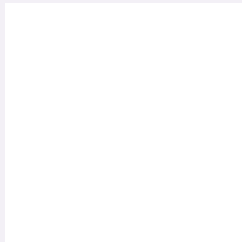
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0287, 0.3110, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 88.0287, 0.3110, 0.3230.

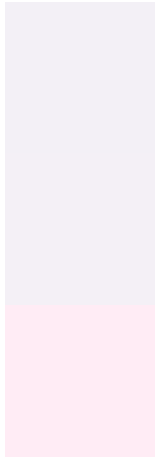


This preview shows how white text looks on a background with the Yxy color 88.0287, 0.3110, 0.3230.

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

88.0287, 0.3110, 0.3230

Protanopia

88.2071, 0.3117, 0.3231

Deuteranopia

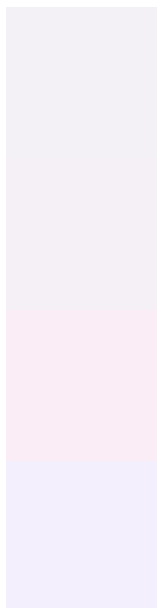
87.8435, 0.3198, 0.3203



Tritanopia

88.1861, 0.3063, 0.3133

Trichromacy



Original Color

88.0287, 0.3110, 0.3230

Protanomaly

88.2071, 0.3117, 0.3231

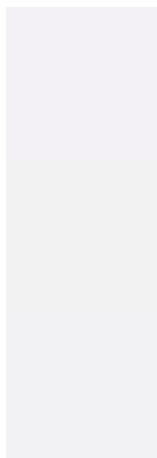
Deuteranomaly

87.6702, 0.3171, 0.3212

Tritanomaly

87.9944, 0.3081, 0.3162

Monochromacy



Original Color

88.0287, 0.3110, 0.3230

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.2589, 0.3122, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0287, 0.3110, 0.3230 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(243, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(243, 240, 246)  
}
```

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(243, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 240, 246) }
```

Border

The CSS property to change the border of an element to Yxy 88.0287, 0.3110, 0.3230 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(243, 240, 246) }
```

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

```
.border{ border-color:rgb(243, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(243, 240,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0287, 0.3110, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 240, 246) }
```

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

```
.background{ background-color: rgb(243,  
240, 246) }
```

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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