

Converting Colors

$Yxy(87.7962, 0.3139, 0.3222)$

Have a look what the booklet for
Yxy(87.7962, 0.3139, 0.3222)
contains.

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Color

Yxy(88.0997, 0.3143, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	F7EFF5
RGB	247, 239, 245
RGB Percent	97%, 94%, 96%
CMY	0.0314, 0.0627, 0.0392
CMYK	0.00, 0.03, 0.01, 0.03
HSL	315°, 33%, 95%
HSV	315°, 3%, 97%
XYZ	85.7002, 88.0997, 98.8702
YIQ	242.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

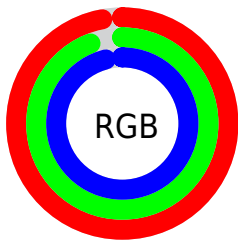
Format	Color
R_{YB}	247, 239, 245
Decimal	16248821
CIE _{Lab}	95.20, 3.72, -1.94
CIE _{LCh}	95, 4.195, 332.424
Yxy	88.0997, 0.3143, 0.3231
Android (android.graphics.Color)	4294438901 (0xFF7EFF5)
YUV	242.0760, 1.4415, 4.3183
Hunter-Lab	93.8614, -1.2781, 3.2491

Details

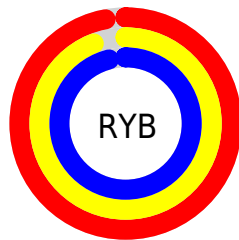
The Yxy color **88.0997, 0.3143, 0.3231** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.2147, 0.3112, 0.3350**, and the grayscale version is **88.8436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6175, 0.3148, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **74.2458, 0.3198, 0.3042**, and if you desaturate by 10%, it is **98.2657, 0.3100, 0.3327**.

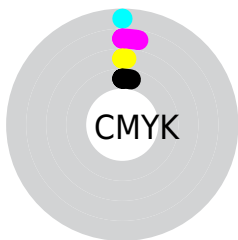
Distribution



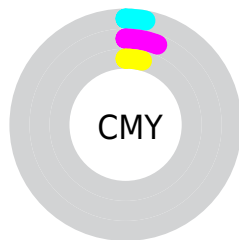
- Red (97%)
- Green (94%)
- Blue (96%)



- Red (97%)
- Yellow (94%)
- Blue (96%)



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




- Cyan (3%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0997, 0.3143, 0.3231 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 88.0997, 0.3143, 0.3231 by changing the saturation by 10% instead.

 88.0997, 0.3143,
0.3231

 88.0997, 0.3143,
0.3231


521.8297, 0.3136,
0.3257

 66.4056, 0.3145,
0.3225


144.6960, 0.3141,
0.3240

 48.6018, 0.3146,
0.3218

180.3669, 0.3140,
0.3243

 34.3037, 0.3149,
0.3209

221.4657, 0.3139,
0.3247

 23.1270, 0.3152,
0.3198

268.3766, 0.3138,
0.3249

 14.6873, 0.3155,
0.3183

321.4840, 0.3138,
0.3252

 8.6002, 0.3161,
0.3163

381.1724, 0.3137,

 4.4814, 0.3169,

0.3254

0.3133

447.8262, 0.3136,
0.3256

■ 1.9463, 0.3181,
0.3084

■ 0.5760, 0.3228,
0.2913

■ 88.0997, 0.3143,
0.3231

■ 88.0997, 0.3143,
0.3231

■ 74.2458, 0.3198,
0.3042

■ 98.2657, 0.3100,
0.3327

■ 62.2969, 0.3261,
0.2848

■ 98.5111, 0.3078,
0.3290

■ 52.1716, 0.3334,
0.2652

■ 43.7785, 0.3417,
0.2463

■ 37.0179, 0.3508,
0.2290

■ 31.7802, 0.3606,
0.2143

■ 27.9420, 0.3708,
0.2033

■ 25.3609, 0.3811,
0.1968

■ 23.8638, 0.3910,
0.1952

Harmonies

Analogous

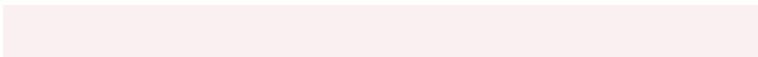
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0997, 0.3095, 0.3211



88.0997, 0.3143, 0.3231



88.0997, 0.3187, 0.3266

Triad

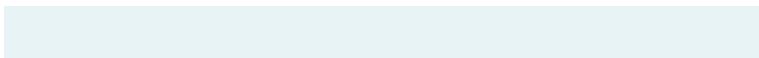
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0997, 0.3143, 0.3231



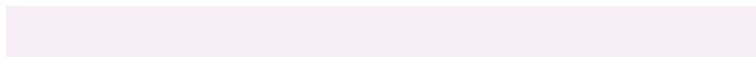
88.0997, 0.3198, 0.3369



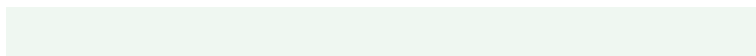
88.0997, 0.3041, 0.3271

Complementary

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



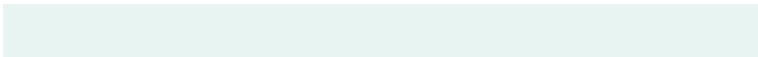
88.0997, 0.3143, 0.3231



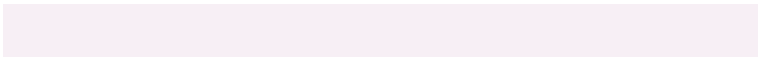
91.2147, 0.3112, 0.3350

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.



88.0997, 0.3068, 0.3314



88.0997, 0.3143, 0.3231



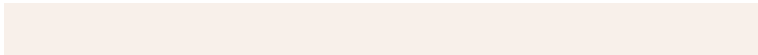
88.0997, 0.3159, 0.3371

Square

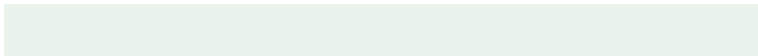
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



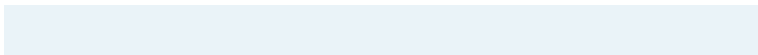
88.0997, 0.3143, 0.3231



88.0997, 0.3219, 0.3346



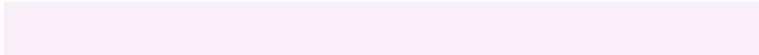
88.0997, 0.3111, 0.3351



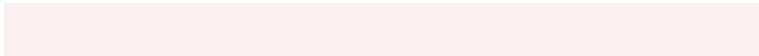
88.0997, 0.3036, 0.3234

Rectangle

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



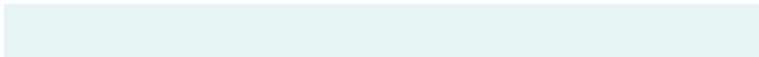
88.0997, 0.3143, 0.3231



88.0997, 0.3208, 0.3294



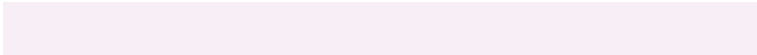
88.0997, 0.3111, 0.3351



88.0997, 0.3047, 0.3285

Sweetspot

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



88.1035, 0.3143, 0.3231



98.3429, 0.3132, 0.3272



87.1327, 0.3091, 0.3210



21.0669, 0.3132, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

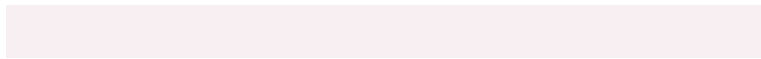
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1035, 0.3143, 0.3231



93.5012, 0.3147, 0.3217



87.8702, 0.3167, 0.3269



18.0997, 0.3151, 0.3203



12.3442, 0.3960, 0.1955



1.1012, 0.3846, 0.1892

Inverse Universe

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



88.1035, 0.3143, 0.3231



93.5012, 0.3147, 0.3217



91.4478, 0.3089, 0.3311



18.0997, 0.3151, 0.3203



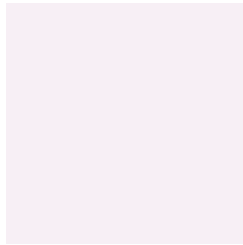
12.3442, 0.3960, 0.1955



1.1012, 0.3846, 0.1892

Previews

White Background



This preview shows how the Yxy color 88.0997, 0.3143, 0.3231 looks on a white background.

Color Contrast Check

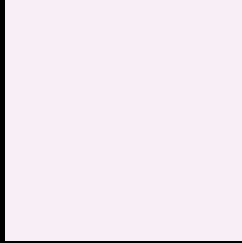
Large Text (above 18pt) WCAG AA × Fail

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 88.0997, 0.3143, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

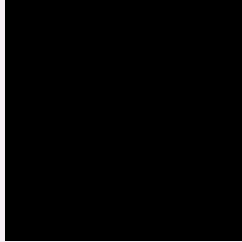
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0997, 0.3143, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 88.0997, 0.3143, 0.3231.

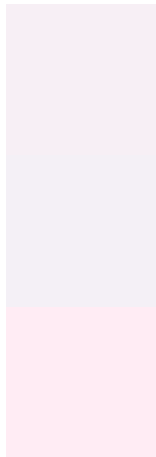


This preview shows how white text looks on a background with the Yxy color 88.0997, 0.3143, 0.3231.

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

88.0997, 0.3143, 0.3231

Protanopia

88.2071, 0.3117, 0.3231

Deuteranopia

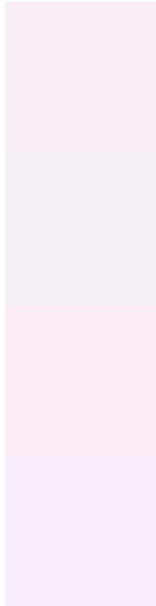
87.7826, 0.3204, 0.3212



Tritanopia

88.3255, 0.3089, 0.3124

Trichromacy



Original Color

88.0997, 0.3143, 0.3231

Protanomaly

88.3865, 0.3123, 0.3231

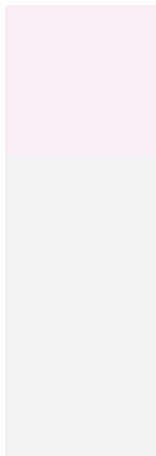
Deuteranomaly

87.7955, 0.3184, 0.3222

Tritanomaly

88.0706, 0.3113, 0.3163

Monochromacy



Original Color

88.0997, 0.3143, 0.3231

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.6148, 0.3135, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0997, 0.3143, 0.3231 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(247, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 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(247, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.0997, 0.3143, 0.3231 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(247, 239, 245) }
```

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

```
.border{ border-color:rgb(247, 239, 245) }
```

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

Here you see how a box with a 4 pixel rgb(247, 239, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0997, 0.3143, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 245) }
```

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

```
.background{ background-color: rgb(247,  
239, 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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