

Converting Colors

$Yxy(88.8936, 0.3189, 0.3284)$

Have a look what the booklet for
Yxy(88.8936, 0.3189, 0.3284)
contains.

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Color

Yxy(88.9950, 0.3187, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	FAF0F1
RGB	250, 240, 241
RGB Percent	98%, 94%, 95%
CMY	0.0195, 0.0588, 0.0548
CMYK	0.00, 0.04, 0.04, 0.02
HSL	354°, 50%, 96%
HSV	354°, 4%, 98%
XYZ	86.4717, 88.9950, 95.8596
YIQ	243.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

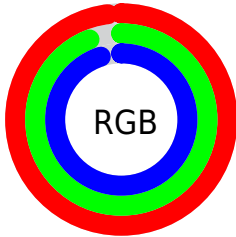
Format	Color
R_{YB}	250, 240, 241
Decimal	16445681
CIE Lab	95.58, 3.55, 0.69
CIE LCh	96, 3.612, 11.033
Yxy	88.9950, 0.3187, 0.3280
Android (android.graphics.Color)	4294635761 (0xFFFAF0F1)
YUV	243.1040, -1.0373, 6.0478
Hunter-Lab	94.3372, -1.4727, 5.7892

Details

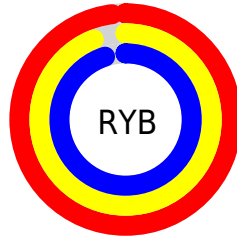
The Yxy color 88.9950, 0.3187, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.7521, 0.3070, 0.3300, and the grayscale version is 89.7260, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.2531, 0.3204, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 74.0194, 0.3361, 0.3254, and if you desaturate by 10%, it is 99.0691, 0.3096, 0.3290.

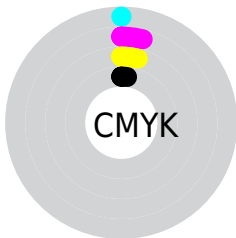
Distribution



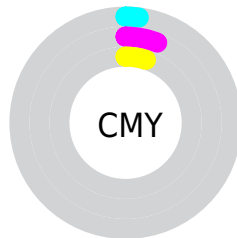
- Red (98%)
- Green (94%)
- Blue (95%)



- Red (98%)
- Yellow (94%)
- Blue (95%)



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





- Cyan (2%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9950, 0.3187, 0.3280 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 88.9950, 0.3187, 0.3280 by changing the saturation by 10% instead.


 88.9950, 0.3187,
0.3280

 88.9950, 0.3187,
0.3280


524.7562, 0.3160,
0.3285

 67.1474, 0.3193,
0.3279

145.9416, 0.3178,
0.3282

 49.2044, 0.3200,
0.3278


181.8094, 0.3174,
0.3282

 34.7817, 0.3209,
0.3276


223.1194, 0.3171,
0.3283

 23.4947, 0.3220,
0.3274

270.2560, 0.3168,
0.3283

 14.9592, 0.3236,
0.3271

323.6036, 0.3166,
0.3284

 8.7908, 0.3257,
0.3268

383.5466, 0.3164,

 4.6050, 0.3288,

0.3284

0.3262

450.4693, 0.3162,
0.3284

■ 2.0174, 0.3339,
0.3252

■ 0.6176, 0.3517,
0.3225

■ 88.9950, 0.3187,
0.3280

■ 88.9950, 0.3187,
0.3280

■ 74.0194, 0.3361,
0.3254

■ 99.0691, 0.3096,
0.3290

■ 61.1447, 0.3579,
0.3226

■ 50.2804, 0.3848,
0.3198

■ 41.3250, 0.4178,
0.3172

■ 34.1681, 0.4568,
0.3152

■ 28.6878, 0.5008,
0.3143

■ 24.7473, 0.5463,
0.3149

■ 22.1882, 0.5876,
0.3176

■ 20.8175, 0.6184,
0.3221

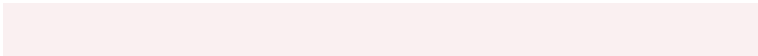
Harmonies

Analogous

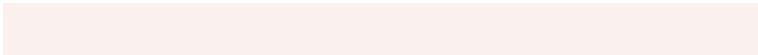
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9950, 0.3152, 0.3247



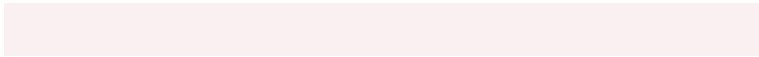
88.9950, 0.3187, 0.3280



88.9950, 0.3206, 0.3316

Triad

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



88.9950, 0.3187, 0.3280



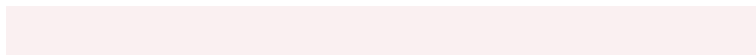
88.9950, 0.3143, 0.3356



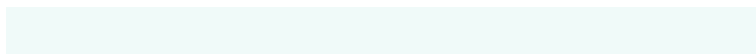
88.9950, 0.3052, 0.3235

Complementary

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



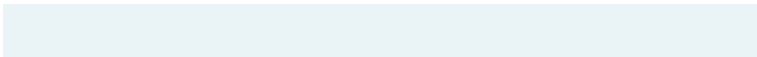
88.9950, 0.3187, 0.3280



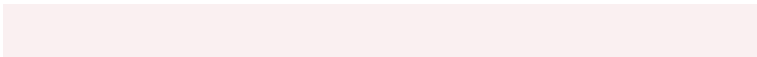
93.7521, 0.3070, 0.3300

Split Complementary

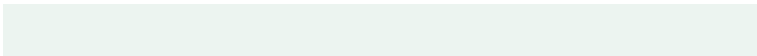
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9950, 0.3050, 0.3264



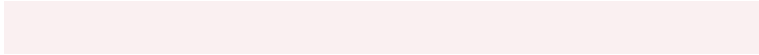
88.9950, 0.3187, 0.3280



88.9950, 0.3102, 0.3334

Square

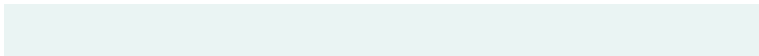
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.9950, 0.3187, 0.3280



88.9950, 0.3180, 0.3360



88.9950, 0.3068, 0.3300



88.9950, 0.3075, 0.3221

Rectangle

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



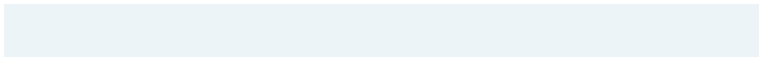
88.9950, 0.3187, 0.3280



88.9950, 0.3206, 0.3337



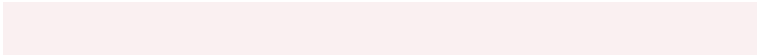
88.9950, 0.3068, 0.3300



88.9950, 0.3049, 0.3243

Sweetspot

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



88.9989, 0.3187, 0.3280



98.2373, 0.3142, 0.3288



89.3346, 0.3124, 0.3192



21.0454, 0.3141, 0.3288



0.0000, 0.0000, 0.0000



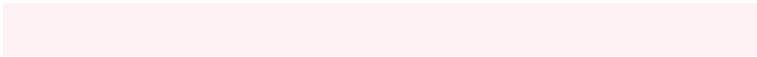
21.4041, 0.3127, 0.3290

Same Dimension

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



88.9989, 0.3187, 0.3280



91.4183, 0.3203, 0.3278



91.2257, 0.3191, 0.3328



18.4980, 0.3214, 0.3276



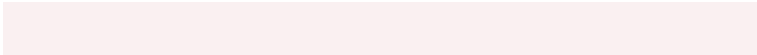
10.8290, 0.6283, 0.3235



1.0123, 0.6055, 0.3109

Inverse Universe

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



88.9989, 0.3187, 0.3280



91.4183, 0.3203, 0.3278



91.4505, 0.3065, 0.3252



18.4980, 0.3214, 0.3276



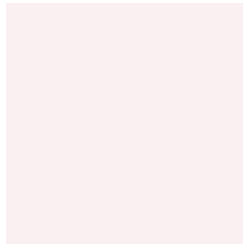
10.8290, 0.6283, 0.3235



1.0123, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 88.9950, 0.3187, 0.3280 looks on a white background.

Color Contrast Check

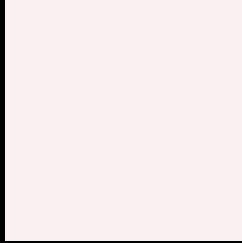
Large Text (above 18pt) WCAG AA × Fail

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 88.9950, 0.3187, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

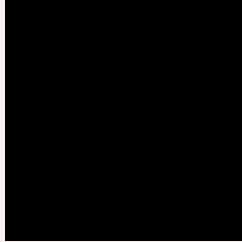
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

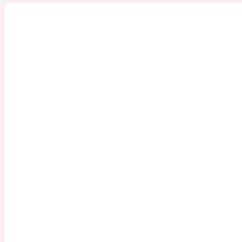
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9950, 0.3187, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 88.9950, 0.3187, 0.3280.

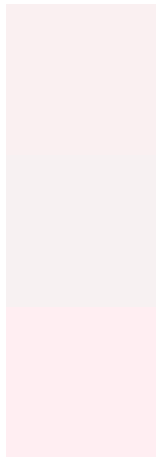


This preview shows how white text looks on a background with the Yxy color 88.9950, 0.3187, 0.3280.

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

88.9950, 0.3187, 0.3280

Protanopia

89.0956, 0.3160, 0.3280

Deuteranopia

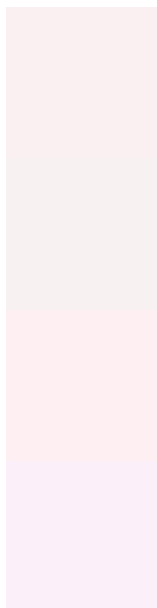
88.8199, 0.3216, 0.3251



Tritanopia

88.8783, 0.3109, 0.3125

Trichromacy



Original Color

88.9950, 0.3187, 0.3280

Protanomaly

89.2779, 0.3167, 0.3280

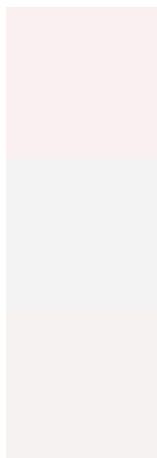
Deuteranomaly

89.0265, 0.3201, 0.3261

Tritanomaly

89.1444, 0.3139, 0.3183

Monochromacy



Original Color

88.9950, 0.3187, 0.3280

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5079, 0.3153, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9950, 0.3187, 0.3280 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(250, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 241)  
}
```

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(250, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 241) }
```

Border

The CSS property to change the border of an element to Yxy 88.9950, 0.3187, 0.3280 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(250, 240, 241) }
```

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

```
.border{ border-color:rgb(250, 240, 241) }
```

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

Here you see how a box with a 4 pixel rgb(250, 240, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9950, 0.3187, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 241) }
```

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

```
.background{ background-color: rgb(250,  
240, 241) }
```

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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