

Converting Colors

$Y_{xy}(90.0136, 0.3086, 0.3188)$

Have a look what the booklet for
Yxy(90.0136, 0.3086, 0.3188)
contains.

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Color

Yxy(89.9450, 0.3087, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	F5F2FC
RGB	245, 242, 252
RGB Percent	96%, 95%, 99%
CMY	0.0391, 0.0510, 0.0119
CMYK	0.03, 0.04, 0.00, 0.01
HSL	258°, 62%, 97%
HSV	258°, 4%, 99%
XYZ	86.9863, 89.9450, 104.8513
YIQ	244.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

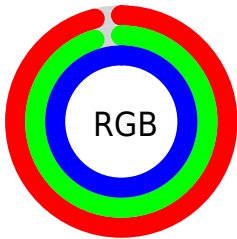
Format	Color
R _Y B	245, 242, 252
Decimal	16118524
CIE Lab	95.97, 2.80, -4.44
CIE LCh	96, 5.250, 302.222
Yxy	89.9450, 0.3087, 0.3192
Android (android.graphics.Color)	4294308604 (0xFFFF5F2FC)
YUV	244.0370, 3.9258, 0.8446
Hunter-Lab	94.8393, -2.2493, 0.8384

Details

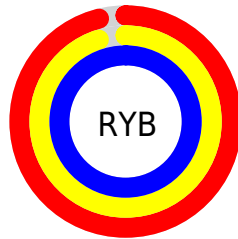
The Yxy color **89.9450, 0.3087, 0.3192** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.1439, 0.3166, 0.3387**, and the grayscale version is **90.4727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8768, 0.3083, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **72.9666, 0.2974, 0.2926**, and if you desaturate by 10%, it is **99.8068, 0.3145, 0.3319**.

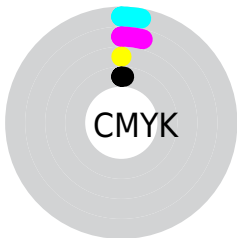
Distribution



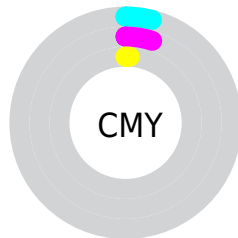
- Red (96%)
- Green (95%)
- Blue (99%)



- Red (96%)
- Yellow (95%)
- Blue (99%)



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




- Cyan (4%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9450, 0.3087, 0.3192 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 89.9450, 0.3087, 0.3192 by changing the saturation by 10% instead.


 89.9450, 0.3087,
0.3192

 89.9450, 0.3087,
0.3192


527.8519, 0.3105,
0.3236

 67.9350, 0.3083,
0.3182


147.2620, 0.3093,
0.3207

 49.8449, 0.3078,
0.3171


183.3378, 0.3096,
0.3213

 35.2902, 0.3072,
0.3157


224.8710, 0.3098,
0.3218

 23.8865, 0.3064,
0.3138

272.2460, 0.3099,
0.3222

 15.2494, 0.3054,
0.3114

325.8472, 0.3101,
0.3226

 8.9946, 0.3040,
0.3081

386.0590, 0.3103,

 4.7377, 0.3019,

0.3230

453.2658, 0.3104,
0.3233

0.3033

■ 2.0942, 0.2984,
0.2956

■ 0.6614, 0.2915,
0.2767

■ 89.9450, 0.3087,
0.3192

■ 89.9450, 0.3087,
0.3192

■ 72.9666, 0.2974,
0.2926

99.8068, 0.3145,
0.3319

■ 58.2565, 0.2845,
0.2634

■ 45.7203, 0.2698,
0.2321

■ 35.2523, 0.2537,
0.1996

■ 26.7381, 0.2366,
0.1673

■ 20.0515, 0.2193,
0.1370

■ 15.0513, 0.2026,
0.1105

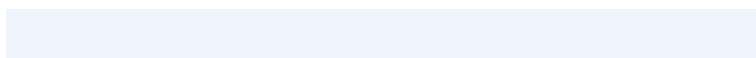
■ 11.5744, 0.1876,
0.0899

■ 9.4236, 0.1753,
0.0761

Harmonies

Analogous

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



89.9450, 0.3039, 0.3193



89.9450, 0.3087, 0.3192



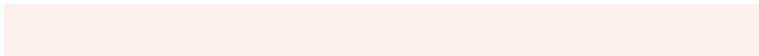
89.9450, 0.3146, 0.3217

Triad

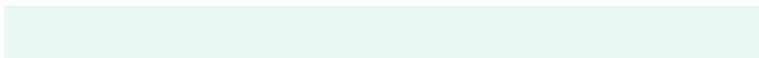
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9450, 0.3087, 0.3192



89.9450, 0.3241, 0.3359



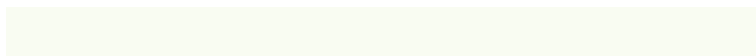
89.9450, 0.3054, 0.3320

Complementary

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



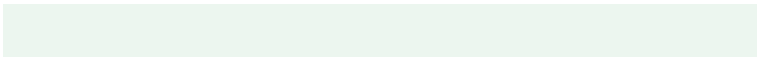
89.9450, 0.3087, 0.3192



96.1439, 0.3166, 0.3387

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.



89.9450, 0.3107, 0.3366



89.9450, 0.3087, 0.3192



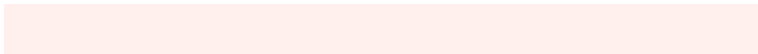
89.9450, 0.3216, 0.3388

Square

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



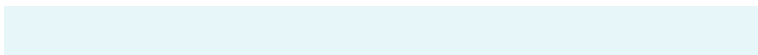
89.9450, 0.3087, 0.3192



89.9450, 0.3236, 0.3312



89.9450, 0.3167, 0.3390



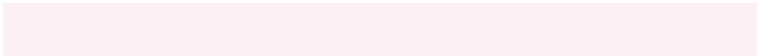
89.9450, 0.3020, 0.3267

Rectangle

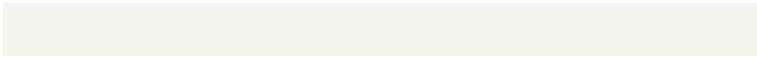
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



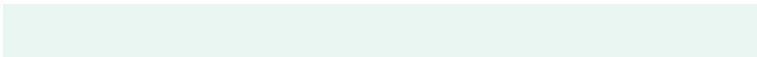
89.9450, 0.3087, 0.3192



89.9450, 0.3184, 0.3244



89.9450, 0.3167, 0.3390



89.9450, 0.3070, 0.3337

Sweetspot

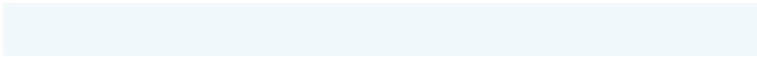
The Sweet Spot groups the original color and five complimentary colors.



89.9488, 0.3087, 0.3192



98.0493, 0.3117, 0.3266



93.6440, 0.3066, 0.3260



21.0071, 0.3118, 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.



89.9488, 0.3087, 0.3192



90.4915, 0.3076, 0.3166



90.8492, 0.3119, 0.3193



18.2824, 0.3069, 0.3148



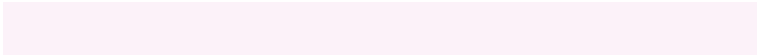
4.5483, 0.1707, 0.0714



0.4743, 0.1832, 0.0783

Inverse Universe

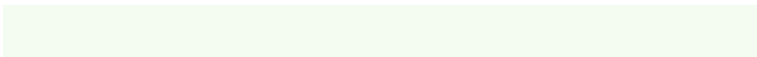
The Inverse Universe completely reimagines the original color for something new.



91.0284, 0.3150, 0.3223



91.8851, 0.3156, 0.3205



95.2486, 0.3135, 0.3388



18.6062, 0.3161, 0.3193



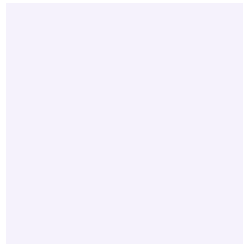
12.4223, 0.4167, 0.2069



1.1694, 0.4024, 0.1991

Previews

White Background



This preview shows how the Yxy color 89.9450, 0.3087, 0.3192 looks on a white background.

Color Contrast Check

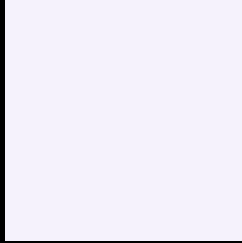
Large Text (above 18pt) WCAG AA × Fail

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 89.9450, 0.3087, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

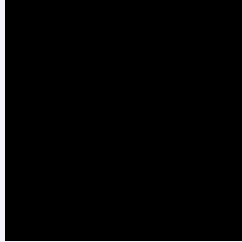
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

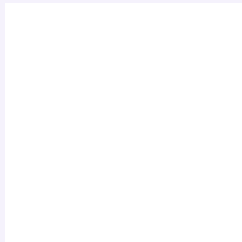
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9450, 0.3087, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 89.9450, 0.3087, 0.3192.

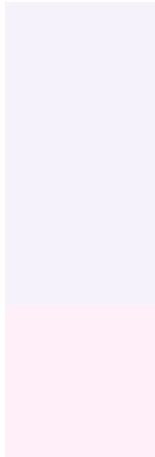


This preview shows how white text looks on a background with the Yxy color 89.9450, 0.3087, 0.3192.

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

89.9450, 0.3087, 0.3192

Protanopia

89.9450, 0.3087, 0.3192

Deuteranopia

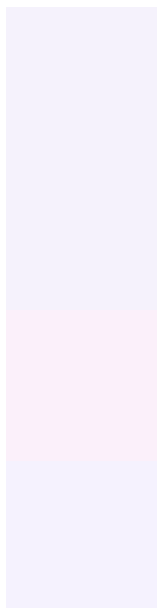
89.8326, 0.3171, 0.3193



Tritanopia

90.1367, 0.3069, 0.3163

Trichromacy



Original Color

89.9450, 0.3087, 0.3192

Protanomaly

89.9450, 0.3087, 0.3192

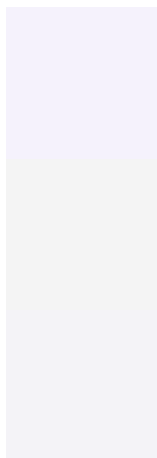
Deuteranomaly

89.7315, 0.3138, 0.3193

Tritanomaly

90.0725, 0.3075, 0.3172

Monochromacy



Original Color

89.9450, 0.3087, 0.3192

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.0497, 0.3110, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9450, 0.3087, 0.3192 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(245, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 252)  
}
```

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(245, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 252) }
```

Border

The CSS property to change the border of an element to Yxy 89.9450, 0.3087, 0.3192 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(245, 242, 252) }
```

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

```
.border{ border-color:rgb(245, 242, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9450, 0.3087, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 252) }
```

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

```
.background{ background-color: rgb(245,  
242, 252) }
```

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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