

Converting Colors

Yxy(85.0443, 0.3106, 0.3083)

Have a look what the booklet for
Yxy(85.0443, 0.3106, 0.3083)
contains.

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Color

Yxy(84.9448, 0.3110, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8FD
RGB	249, 232, 253
RGB Percent	98%, 91%, 99%
CMY	0.0235, 0.0902, 0.0077
CMYK	0.02, 0.08, 0.00, 0.01
HSL	289°, 84%, 95%
HSV	289°, 8%, 99%
XYZ	85.6609, 84.9448, 104.8314
YIQ	239.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

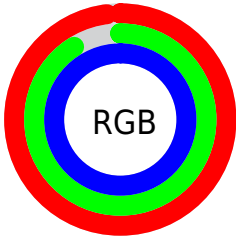
Format	Color
R_{YB}	249, 232, 253
Decimal	16378109
CIE _{Lab}	93.86, 9.44, -8.08
CIE _{LCh}	94, 12.420, 319.444
Yxy	84.9448, 0.3110, 0.3084
Android (android.graphics.Color)	4294568189 (0xFFFF9E8FD)
YUV	239.4770, 6.6668, 8.3517
Hunter-Lab	92.1655, 4.6128, -2.9221

Details

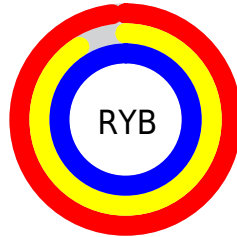
The Yxy color **84.9448, 0.3110, 0.3084** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.9279, 0.3142, 0.3502**, and the grayscale version is **86.6575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3736, 0.3113, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **70.8394, 0.3085, 0.2825**, and if you desaturate by 10%, it is **99.6546, 0.3131, 0.3309**.

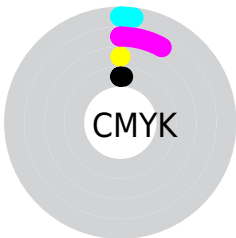
Distribution



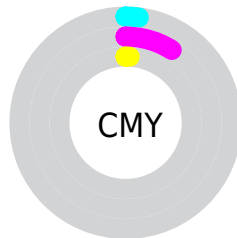
- Red (98%)
- Green (91%)
- Blue (99%)



- Red (98%)
- Yellow (91%)
- Blue (99%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)




- Cyan (2%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9448, 0.3110, 0.3084 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 84.9448, 0.3110, 0.3084 by changing the saturation by 10% instead.

 84.9448, 0.3110,
0.3084

 84.9448, 0.3110,
0.3084


511.4454, 0.3118,
0.3175

 63.7958, 0.3108,
0.3064

140.2961, 0.3113,
0.3115

 46.4853, 0.3106,
0.3040


175.2671, 0.3114,
0.3127

 32.6289, 0.3102,
0.3010


215.6142, 0.3115,
0.3138

 21.8423, 0.3098,
0.2971

261.7218, 0.3116,
0.3147

 13.7411, 0.3092,
0.2921

313.9744, 0.3117,
0.3155

 7.9408, 0.3083,
0.2852

372.7562, 0.3117,

 4.0571, 0.3069,

0.3163

0.2751

438.4518, 0.3118,
0.3169

■ 1.7056, 0.3044,
0.2590

■ 0.4273, 0.3038,
0.2039

■ 84.9448, 0.3110,
0.3084

■ 84.9448, 0.3110,
0.3084

■ 70.8394, 0.3085,
0.2825

99.6546, 0.3131,
0.3309

■ 58.7165, 0.3054,
0.2560

99.8736, 0.3139,
0.3309

■ 48.4859, 0.3019,
0.2296

■ 40.0465, 0.2978,
0.2043

■ 33.2874, 0.2932,
0.1812

■ 28.0854, 0.2883,
0.1614

■ 24.3002, 0.2832,
0.1458

■ 21.7660, 0.2781,
0.1348

■ 20.2523, 0.2730,
0.1282

Harmonies

Analogous

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



84.9448, 0.2975, 0.3050



84.9448, 0.3110, 0.3084



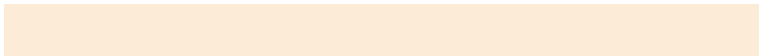
84.9448, 0.3252, 0.3170

Triad

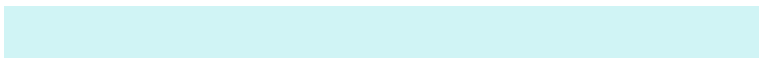
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9448, 0.3110, 0.3084



84.9448, 0.3376, 0.3502



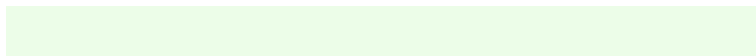
84.9448, 0.2897, 0.3286

Complementary

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



84.9448, 0.3110, 0.3084



93.9279, 0.3142, 0.3502

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.



84.9448, 0.3001, 0.3414



84.9448, 0.3110, 0.3084



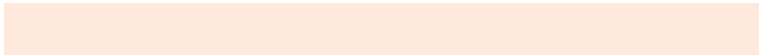
84.9448, 0.3277, 0.3540

Square

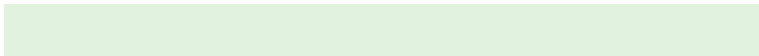
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



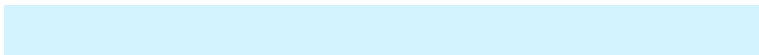
84.9448, 0.3110, 0.3084



84.9448, 0.3408, 0.3408



84.9448, 0.3139, 0.3509



84.9448, 0.2854, 0.3162

Rectangle

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



84.9448, 0.3110, 0.3084



84.9448, 0.3331, 0.3247



84.9448, 0.3139, 0.3509



84.9448, 0.2926, 0.3330

Sweetspot

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



84.9485, 0.3110, 0.3084



96.6052, 0.3123, 0.3241



84.3570, 0.2998, 0.3120



20.7130, 0.3124, 0.3244



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.



84.9485, 0.3110, 0.3084



83.8854, 0.3106, 0.3041



85.2975, 0.3177, 0.3146



18.1151, 0.3107, 0.3054



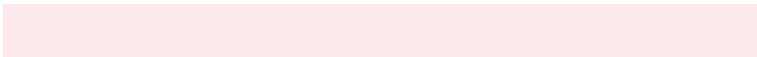
10.7207, 0.2730, 0.1277



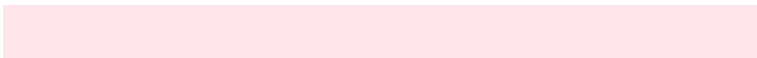
1.0868, 0.2787, 0.1309

Inverse Universe

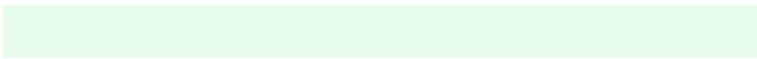
The Inverse Universe completely reimagines the original color for something new.



84.6560, 0.3245, 0.3251



83.5370, 0.3272, 0.3242



93.6143, 0.3081, 0.3438



18.0436, 0.3264, 0.3245



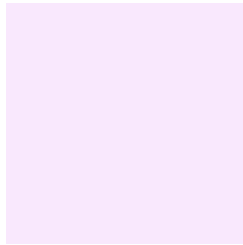
11.2390, 0.6104, 0.3136



1.1085, 0.5811, 0.2975

Previews

White Background



This preview shows how the Yxy color 84.9448, 0.3110, 0.3084 looks on a white background.

Color Contrast Check

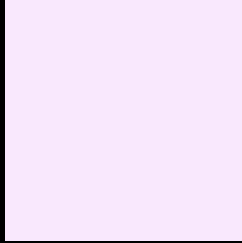
Large Text (above 18pt) WCAG AA × Fail

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 84.9448, 0.3110, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

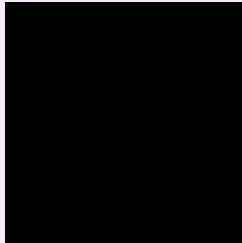
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.9448, 0.3110, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 84.9448, 0.3110, 0.3084.

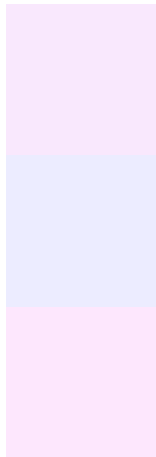


This preview shows how white text looks on a background with the Yxy color 84.9448, 0.3110, 0.3084.

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

84.9448, 0.3110, 0.3084

Protanopia

85.0438, 0.3012, 0.3100

Deuteranopia

85.1263, 0.3137, 0.3076



Tritanopia

84.8180, 0.3122, 0.3104

Trichromacy



Original Color

84.9448, 0.3110, 0.3084

Protanomaly

85.2732, 0.3050, 0.3101

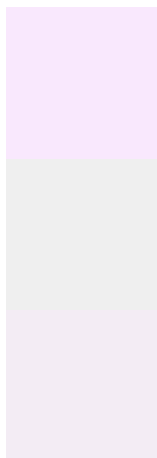
Deuteranomaly

84.9391, 0.3130, 0.3076

Tritanomaly

84.8812, 0.3116, 0.3094

Monochromacy



Original Color

84.9448, 0.3110, 0.3084

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.5772, 0.3124, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9448, 0.3110, 0.3084 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(249, 232, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 253)  
}
```

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(249, 232, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 253) }
```

Border

The CSS property to change the border of an element to Yxy 84.9448, 0.3110, 0.3084 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(249, 232, 253) }
```

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

```
.border{ border-color:rgb(249, 232, 253) }
```

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

Here you see how a box with a 4 pixel rgb(249, 232, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 253);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9448, 0.3110, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 253) }
```

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

```
.background{ background-color: rgb(249,  
232, 253) }
```

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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