

Converting Colors

Yxy(84.9808, 0.3095, 0.3065)

Have a look what the booklet for
Yxy(84.9808, 0.3095, 0.3065)
contains.

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Color

Yxy(85.0730, 0.3098, 0.3065)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9E8FF |
| RGB | 249, 232, 255 |
| RGB Percent | 98%, 91%, 100% |
| CMY | 0.0233, 0.0902, 0.0000 |
| CMYK | 0.02, 0.09, 0.00, 0.00 |
| HSL | 285°, 100%, 95% |
| HSV | 285°, 9%, 100% |
| XYZ | 85.9890, 85.0730, 106.5008 |
| YIQ | 239.7050, 2.7490, 10.7570 |

Conversions

Conversions Part 2

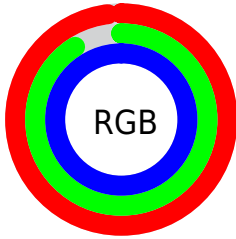
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 249, 232, 255 |
| Decimal | 16378111 |
| CIE _{Lab} | 93.91, 9.81, -9.02 |
| CIE _{LCh} | 94, 13.331, 317.404 |
| Yxy | 85.0730, 0.3098, 0.3065 |
| Android (android.graphics.Color) | 4294568191 (0xFFFF9E8FF) |
| YUV | 239.7050, 7.5404, 8.1517 |
| Hunter-Lab | 92.2350, 5.0009, -3.8958 |

Details

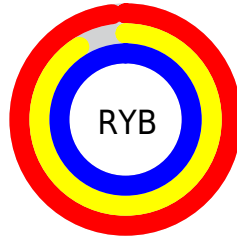
The Yxy color **85.0730, 0.3098, 0.3065** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95.5104, 0.3153, 0.3520**, and the grayscale version is **86.8403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4653, 0.3097, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **70.5585, 0.3059, 0.2803**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

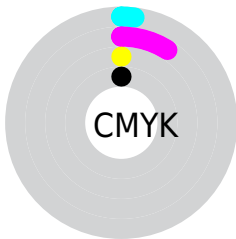
Distribution



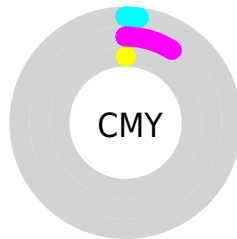
- Red (98%)
- Green (91%)
- Blue (100%)



- Red (98%)
- Yellow (91%)
- Blue (100%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0730, 0.3098, 0.3065 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 85.0730, 0.3098, 0.3065 by changing the saturation by 10% instead.


 85.0730, 0.3098,
0.3065

 85.0730, 0.3098,
0.3065

511.8696, 0.3112,
0.3165

 63.9017, 0.3095,
0.3043


140.4752, 0.3103,
0.3099

 46.5711, 0.3091,
0.3017


175.4748, 0.3105,
0.3112

 32.6967, 0.3086,
0.2984

215.8527, 0.3106,
0.3124

 21.8942, 0.3079,
0.2942

261.9932, 0.3108,
0.3134

 13.7792, 0.3070,
0.2888

314.2808, 0.3109,
0.3143

 7.9672, 0.3056,
0.2813

373.0998, 0.3110,

 4.0740, 0.3035,

0.3151

0.2704

438.8346, 0.3111,
0.3158

■ 1.7150, 0.2998,
0.2531

■ 0.4334, 0.2969,
0.1975

■ 85.0730, 0.3098,
0.3065

■ 85.0730, 0.3098,
0.3065

■ 70.5585, 0.3059,
0.2803

100.0000, 0.3127,
0.3290

■ 58.0761, 0.3014,
0.2532

■ 47.5330, 0.2961,
0.2260

■ 38.8250, 0.2901,
0.1998

■ 31.8382, 0.2836,
0.1756

■ 26.4455, 0.2766,
0.1547

■ 22.5022, 0.2696,
0.1380

■ 19.8365, 0.2625,
0.1260

■ 18.1946, 0.2558,
0.1185

Harmonies

Analogous

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



85.0730, 0.2956, 0.3032



85.0730, 0.3098, 0.3065



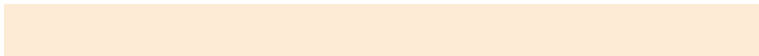
85.0730, 0.3252, 0.3154

Triad

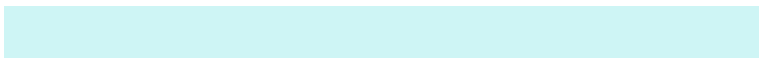
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0730, 0.3098, 0.3065



85.0730, 0.3400, 0.3512



85.0730, 0.2886, 0.3295

Complementary

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



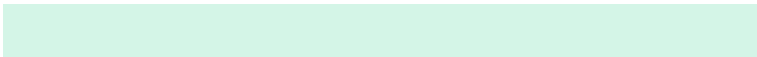
85.0730, 0.3098, 0.3065



95.5104, 0.3153, 0.3520

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.



85.0730, 0.3001, 0.3432



85.0730, 0.3098, 0.3065



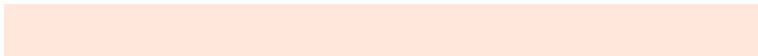
85.0730, 0.3297, 0.3558

Square

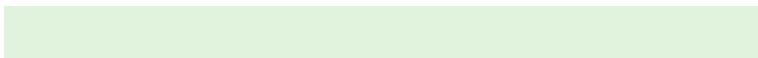
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0730, 0.3098, 0.3065



85.0730, 0.3428, 0.3408



85.0730, 0.3151, 0.3530



85.0730, 0.2836, 0.3160

Rectangle

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



85.0730, 0.3098, 0.3065



85.0730, 0.3339, 0.3234



85.0730, 0.3151, 0.3530



85.0730, 0.2918, 0.3342

Sweetspot

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



85.0762, 0.3098, 0.3065



94.8431, 0.3118, 0.3217



85.5948, 0.2987, 0.3120



20.0124, 0.3116, 0.3197



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.



85.0762, 0.3098, 0.3065



82.0428, 0.3091, 0.3014



85.8449, 0.3171, 0.3119



18.0505, 0.3096, 0.3053



9.5114, 0.2562, 0.1185



0.9785, 0.2639, 0.1227

Inverse Universe

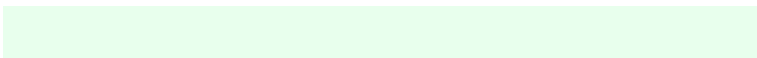
The Inverse Universe completely reimagines the original color for something new.



85.1348, 0.3246, 0.3232



82.1225, 0.3276, 0.3219



94.8089, 0.3086, 0.3467



18.0641, 0.3253, 0.3229



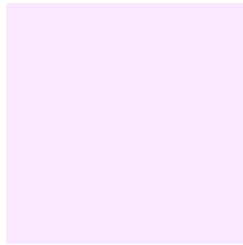
11.3338, 0.5910, 0.3029



1.1204, 0.5593, 0.2855

Previews

White Background



This preview shows how the Yxy color 85.0730, 0.3098, 0.3065 looks on a white background.

Color Contrast Check

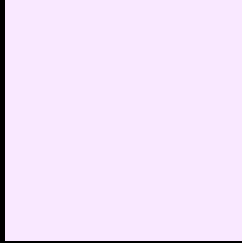
Large Text (above 18pt) WCAG AA × Fail

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 85.0730, 0.3098, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

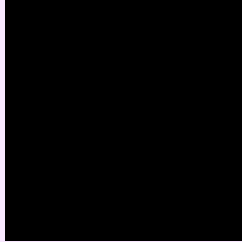
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

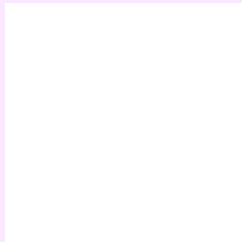
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0730, 0.3098, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 85.0730, 0.3098, 0.3065.

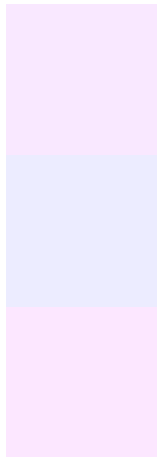


This preview shows how white text looks on a background with the Yxy color 85.0730, 0.3098, 0.3065.

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

85.0730, 0.3098, 0.3065

Protanopia

85.0438, 0.3012, 0.3100

Deuteranopia

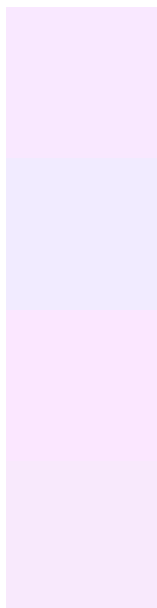
85.0673, 0.3118, 0.3057



Tritanopia

85.1993, 0.3115, 0.3113

Trichromacy



Original Color

85.0730, 0.3098, 0.3065

Protanomaly

85.3374, 0.3044, 0.3092

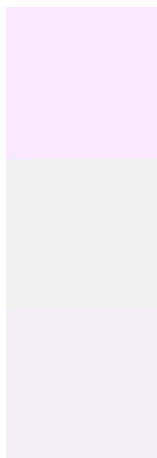
Deuteranomaly

84.8811, 0.3111, 0.3056

Tritanomaly

85.2626, 0.3109, 0.3103

Monochromacy



Original Color

85.0730, 0.3098, 0.3065

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.2156, 0.3118, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0730, 0.3098, 0.3065 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.0730, 0.3098, 0.3065 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, 255) }
```

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

```
.border{ border-color:rgb(249, 232, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0730, 0.3098, 0.3065 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, 255) }
```

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

```
.background{ background-color: rgb(249,  
232, 255) }
```

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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