

Converting Colors

$Y_{xy}(74.1650, 0.3080, 0.2963)$

Have a look what the booklet for
Yxy(74.1650, 0.3080, 0.2963)
contains.

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Color

Yxy(74.2398, 0.3079, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	EFD8F8
RGB	239, 216, 248
RGB Percent	94%, 85%, 97%
CMY	0.0627, 0.1529, 0.0275
CMYK	0.04, 0.13, 0.00, 0.03
HSL	283°, 69%, 91%
HSV	283°, 13%, 97%
XYZ	77.0942, 74.2398, 99.0532
YIQ	226.5250, 3.4360, 14.8280

Conversions

Conversions Part 2

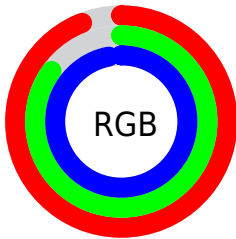
Format	Color
R _Y B	239, 216, 248
Decimal	15718648
CIE Lab	89.04, 13.56, -12.69
CIE LCh	89, 18.574, 316.886
Yxy	74.2398, 0.3079, 0.2965
Android (android.graphics.Color)	4293908728 (0xFFEFD8F8)
YUV	226.5250, 10.5872, 10.9406
Hunter-Lab	86.1625, 8.9291, -7.8465

Details

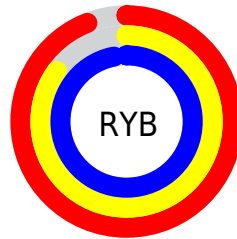
The Yxy color **74.2398, 0.3079, 0.2965** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.0821, 0.3169, 0.3625**, and the grayscale version is **76.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3628, 0.3063, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **61.2930, 0.3033, 0.2698**, and if you desaturate by 10%, it is **89.1569, 0.3117, 0.3219**.

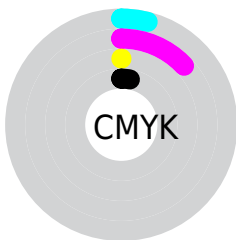
Distribution



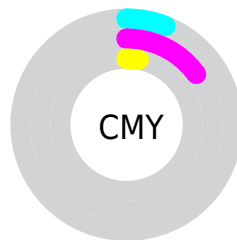
- Red (94%)
- Green (85%)
- Blue (97%)



- Red (94%)
- Yellow (85%)
- Blue (97%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)





- Cyan (6%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2398, 0.3079, 0.2965 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 74.2398, 0.3079, 0.2965 by changing the saturation by 10% instead.

 74.2398, 0.3079,
0.2965

 74.2398, 0.3079,
0.2965

475.3006, 0.3103,
0.3111

 54.9903, 0.3073,
0.2933


125.2357, 0.3087,
0.3015

 39.3940, 0.3066,
0.2893

157.7509, 0.3091,
0.3035

 27.0664, 0.3057,
0.2843


195.4568, 0.3093,
0.3052

 17.6231, 0.3044,
0.2780

238.7378, 0.3096,
0.3067

 10.6797, 0.3027,
0.2696

287.9783, 0.3098,
0.3080

 5.8519, 0.3001,
0.2578

343.5626, 0.3100,

 2.7552, 0.2957,

0.3091

0.2404

405.8753, 0.3101,
0.3102

■ 1.0053, 0.2875,
0.2121

■ 0.0000, 0.2293,
0.0000

■ 74.2398, 0.3079,
0.2965

■ 74.2398, 0.3079,
0.2965

■ 61.2930, 0.3033,
0.2698

■ 89.1569, 0.3117,
0.3219

■ 50.2208, 0.2980,
0.2424

■ 99.1637, 0.3155,
0.3357

■ 40.9338, 0.2918,
0.2152

■ 99.5559, 0.3168,
0.3357

■ 33.3313, 0.2850,
0.1893

■ 27.3025, 0.2777,
0.1658

■ 22.7230, 0.2700,
0.1459

■ 19.4493, 0.2623,
0.1305

■ 17.3073, 0.2548,
0.1200

■ 16.2895, 0.2497,
0.1149

Harmonies

Analogous

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



74.2398, 0.2874, 0.2918



74.2398, 0.3079, 0.2965



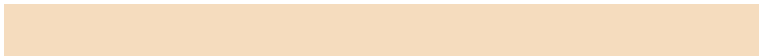
74.2398, 0.3304, 0.3091

Triad

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



74.2398, 0.3079, 0.2965



74.2398, 0.3526, 0.3608



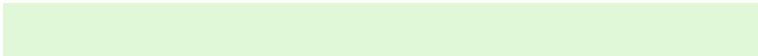
74.2398, 0.2780, 0.3298

Complementary

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



74.2398, 0.3079, 0.2965



88.0821, 0.3169, 0.3625

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.



74.2398, 0.2945, 0.3502



74.2398, 0.3079, 0.2965



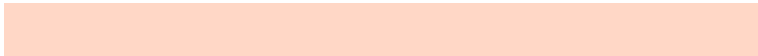
74.2398, 0.3376, 0.3682

Square

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



74.2398, 0.3079, 0.2965



74.2398, 0.3567, 0.3454



74.2398, 0.3163, 0.3645



74.2398, 0.2706, 0.3101

Rectangle

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



74.2398, 0.3079, 0.2965



74.2398, 0.3433, 0.3205



74.2398, 0.3163, 0.3645



74.2398, 0.2826, 0.3369

Sweetspot

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



74.2430, 0.3079, 0.2965



93.1252, 0.3113, 0.3192



75.2611, 0.2924, 0.3047



19.6642, 0.3111, 0.3173



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.



74.2430, 0.3079, 0.2965



75.9983, 0.3070, 0.2909



75.4211, 0.3189, 0.3039



17.2656, 0.3093, 0.3053



8.8756, 0.2508, 0.1155



0.8752, 0.2595, 0.1203

Inverse Universe

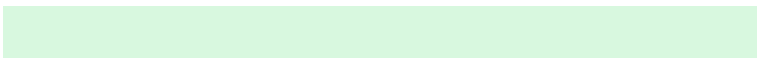
The Inverse Universe completely reimagines the original color for something new.



74.5021, 0.3300, 0.3199



76.3295, 0.3333, 0.3183



87.0444, 0.3071, 0.3555



17.3052, 0.3250, 0.3224



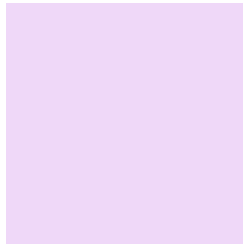
11.0369, 0.5834, 0.2987



1.0395, 0.5498, 0.2802

Previews

White Background



This preview shows how the Yxy color 74.2398, 0.3079, 0.2965 looks on a white background.

Color Contrast Check

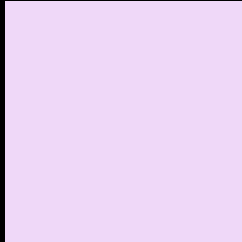
Large Text (above 18pt) WCAG AA × Fail

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 74.2398, 0.3079, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

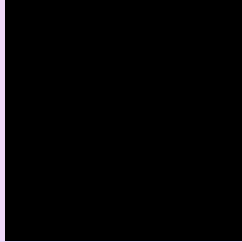
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

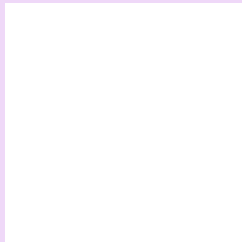
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2398, 0.3079, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 74.2398, 0.3079, 0.2965.

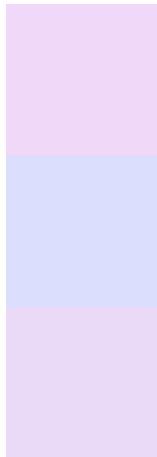


This preview shows how white text looks on a background with the Yxy color 74.2398, 0.3079, 0.2965.

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

74.2398, 0.3079, 0.2965

Protanopia

74.3309, 0.2918, 0.2975

Deuteranopia

74.4125, 0.3044, 0.2982



Tritanopia

74.1455, 0.3150, 0.3114

Trichromacy



Original Color

74.2398, 0.3079, 0.2965

Protanomaly

74.3202, 0.2970, 0.2968

Deuteranomaly

74.2359, 0.3058, 0.2973

Tritanomaly

74.0941, 0.3124, 0.3054

Monochromacy



Original Color

74.2398, 0.3079, 0.2965

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.7624, 0.3105, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2398, 0.3079, 0.2965 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(239, 216, 248)` looks like.

```
.text, #text, p{  
    color:rgb(239, 216, 248)  
}
```

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(239, 216, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 216, 248) }
```

Border

The CSS property to change the border of an element to Yxy 74.2398, 0.3079, 0.2965 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(239, 216, 248) }
```

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

```
.border{ border-color:rgb(239, 216, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 216, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 216, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 216, 248);  
box-shadow:4px 4px 4px 4px rgb(239, 216,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2398, 0.3079, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 216, 248) }
```

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

```
.background{ background-color: rgb(239,  
216, 248) }
```

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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