

Converting Colors

$Yxy(75.0717, 0.3115, 0.3083)$

Have a look what the booklet for
Yxy(75.0717, 0.3115, 0.3083)
contains.

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Color

Yxy(74.7872, 0.3109, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	ECDBF0
RGB	236, 219, 240
RGB Percent	93%, 86%, 94%
CMY	0.0747, 0.1411, 0.0589
CMYK	0.02, 0.09, 0.00, 0.06
HSL	289°, 41%, 90%
HSV	289°, 9%, 94%
XYZ	75.6387, 74.7872, 92.8636
YIQ	226.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

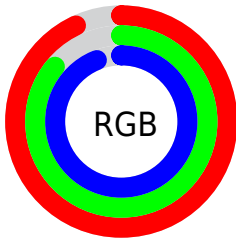
Format	Color
R _Y B	236, 219, 240
Decimal	15522800
CIE Lab	89.29, 9.50, -8.13
CIE LCh	89, 12.499, 319.441
Yxy	74.7872, 0.3109, 0.3074
Android (android.graphics.Color)	4293712880 (0xFFECDBF0)
YUV	226.4770, 6.6668, 8.3517
Hunter-Lab	86.4796, 4.7844, -3.1311

Details

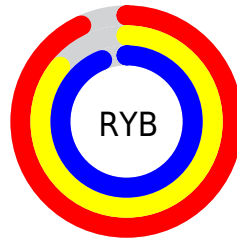
The Yxy color $74.7872, 0.3109, 0.3074$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.1118, 0.3143, 0.3512$, and the grayscale version is $76.3635, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.7149, 0.3103, 0.3024$ is the 20% darker color. If you saturate the color by 10%, you get $62.3815, 0.3084, 0.2816$, and if you desaturate by 10%, it is $89.0245, 0.3130, 0.3321$.

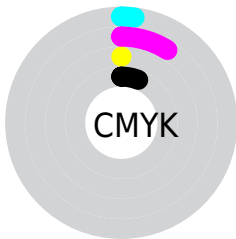
Distribution



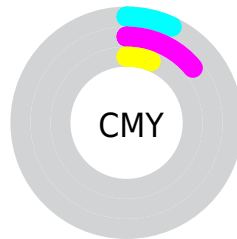
- Red (93%)
- Green (86%)
- Blue (94%)



- Red (93%)
- Yellow (86%)
- Blue (94%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)




- Cyan (7%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7872, 0.3109, 0.3074 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 74.7872, 0.3109, 0.3074 by changing the saturation by 10% instead.


 74.7872, 0.3109,
0.3074

 74.7872, 0.3109,
0.3074

477.1858, 0.3118,
0.3172

 55.4386, 0.3107,
0.3052


126.0111, 0.3112,
0.3108

 39.7530, 0.3104,
0.3025


158.6551, 0.3113,
0.3121

 27.3460, 0.3100,
0.2992


196.4998, 0.3115,
0.3132

 17.8332, 0.3095,
0.2948

239.9294, 0.3115,
0.3142

 10.8303, 0.3088,
0.2890

289.3285, 0.3116,
0.3151

 5.9529, 0.3077,
0.2808

345.0813, 0.3117,

 2.8164, 0.3059,

0.3159

0.2684

407.5723, 0.3118,
0.3166

■ 1.0367, 0.3023,
0.2476

■ 0.0000, 0.2458,
0.0000

■ 74.7872, 0.3109,
0.3074

■ 74.7872, 0.3109,
0.3074

■ 62.3815, 0.3084,
0.2816

■ 89.0245, 0.3130,
0.3321

■ 51.7208, 0.3053,
0.2551

■ 97.2484, 0.3152,
0.3437

■ 42.7257, 0.3017,
0.2288

■ 98.0852, 0.3181,
0.3436

■ 35.3070, 0.2976,
0.2036

■ 98.9426, 0.3210,
0.3435

■ 29.3669, 0.2930,
0.1806

■ 99.0696, 0.3215,
0.3435

■ 24.7969, 0.2881,
0.1610

■ 21.4731, 0.2830,
0.1455

■ 19.2491, 0.2778,
0.1346

■ 17.9097, 0.2728,
0.1280

Harmonies

Analogous

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



74.7872, 0.2968, 0.3038



74.7872, 0.3109, 0.3074



74.7872, 0.3258, 0.3164

Triad

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



74.7872, 0.3109, 0.3074



74.7872, 0.3389, 0.3512



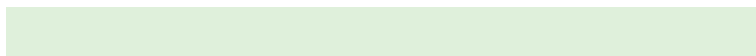
74.7872, 0.2886, 0.3285

Complementary

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



74.7872, 0.3109, 0.3074



83.1118, 0.3143, 0.3512

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.



74.7872, 0.2994, 0.3421



74.7872, 0.3109, 0.3074



74.7872, 0.3285, 0.3553

Square

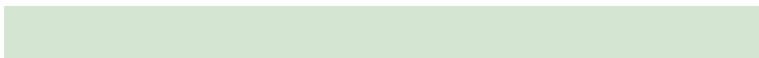
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7872, 0.3109, 0.3074



74.7872, 0.3422, 0.3414



74.7872, 0.3140, 0.3520



74.7872, 0.2841, 0.3155

Rectangle

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



74.7872, 0.3109, 0.3074



74.7872, 0.3342, 0.3244



74.7872, 0.3140, 0.3520



74.7872, 0.2916, 0.3332

Sweetspot

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



74.7904, 0.3109, 0.3074



94.9392, 0.3121, 0.3217



74.2415, 0.2992, 0.3111



20.0385, 0.3120, 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.



74.7904, 0.3109, 0.3074



83.8821, 0.3106, 0.3041



75.1171, 0.3179, 0.3139



15.8697, 0.3107, 0.3055



9.7838, 0.2729, 0.1277



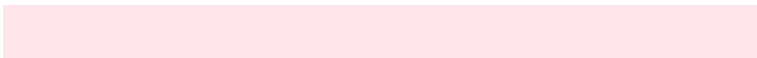
0.8527, 0.2796, 0.1314

Inverse Universe

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



74.5239, 0.3251, 0.3249



83.5381, 0.3272, 0.3242



82.8199, 0.3079, 0.3446



15.8083, 0.3263, 0.3245



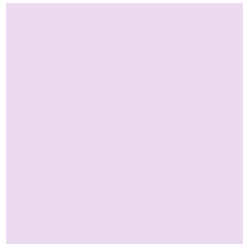
10.2631, 0.6096, 0.3132



0.8672, 0.5749, 0.2940

Previews

White Background



This preview shows how the Yxy color 74.7872, 0.3109, 0.3074 looks on a white background.

Color Contrast Check

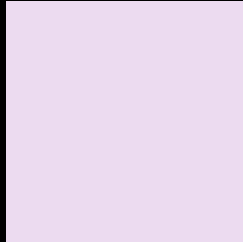
Large Text (above 18pt) WCAG AA × Fail

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 74.7872, 0.3109, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

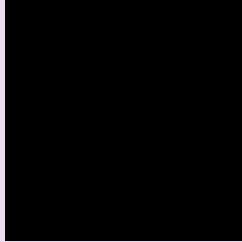
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

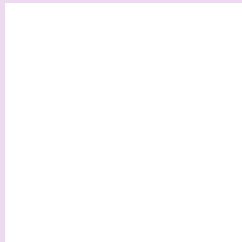
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7872, 0.3109, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 74.7872, 0.3109, 0.3074.



This preview shows how white text looks on a background with the Yxy color 74.7872, 0.3109, 0.3074.

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

74.7872, 0.3109, 0.3074

Protanopia

74.8741, 0.3006, 0.3090

Deuteranopia

74.7848, 0.3131, 0.3065



Tritanopia

74.9630, 0.3121, 0.3114

Trichromacy



Original Color

74.7872, 0.3109, 0.3074

Protanomaly

75.0874, 0.3046, 0.3091

Deuteranomaly

74.6112, 0.3124, 0.3064

Tritanomaly

75.0216, 0.3115, 0.3104

Monochromacy



Original Color

74.7872, 0.3109, 0.3074

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.3679, 0.3124, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7872, 0.3109, 0.3074 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(236, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(236, 219, 240)  
}
```

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(236, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 219, 240) }
```

Border

The CSS property to change the border of an element to Yxy 74.7872, 0.3109, 0.3074 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(236, 219, 240) }
```

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

```
.border{ border-color:rgb(236, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(236, 219,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7872, 0.3109, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 219, 240) }
```

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

```
.background{ background-color: rgb(236,  
219, 240) }
```

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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