

Converting Colors

$Yxy(73.7310, 0.3069, 0.3064)$

Have a look what the booklet for
Yxy(73.7310, 0.3069, 0.3064)
contains.

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Color

Yxy(73.9432, 0.3074, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	E7DBF0
RGB	231, 219, 240
RGB Percent	91%, 86%, 94%
CMY	0.0941, 0.1412, 0.0588
CMYK	0.04, 0.09, 0.00, 0.06
HSL	274°, 41%, 90%
HSV	274°, 9%, 94%
XYZ	74.0154, 73.9432, 92.8203
YIQ	224.9820, 0.4110, 9.0750

Conversions

Conversions Part 2

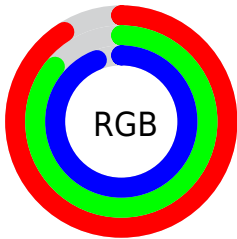
Format	Color
R _Y B	231, 219, 240
Decimal	15195120
CIE Lab	88.90, 7.87, -8.78
CIE LCh	89, 11.794, 311.865
Yxy	73.9432, 0.3074, 0.3071
Android (android.graphics.Color)	4293385200 (0xFFE7DBF0)
YUV	224.9820, 7.4039, 5.2778
Hunter-Lab	85.9902, 3.1596, -3.8061

Details

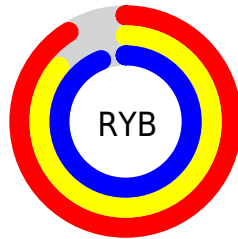
The Yxy color **73.9432, 0.3074, 0.3071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.9415, 0.3176, 0.3511**, and the grayscale version is **75.2292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1256, 0.3057, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **60.6485, 0.3003, 0.2803**, and if you desaturate by 10%, it is **89.1506, 0.3134, 0.3320**.

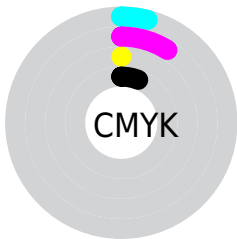
Distribution



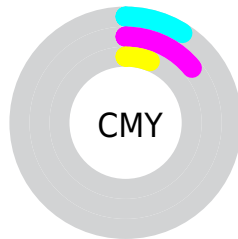
- Red (91%)
- Green (86%)
- Blue (94%)



- Red (91%)
- Yellow (86%)
- Blue (94%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9432, 0.3074, 0.3071 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 73.9432, 0.3074, 0.3071 by changing the saturation by 10% instead.


 73.9432, 0.3074,
0.3071

 73.9432, 0.3074,
0.3071


474.2773, 0.3099,
0.3171

 54.7476, 0.3068,
0.3049


124.8153, 0.3083,
0.3105

 39.1996, 0.3061,
0.3021


157.2605, 0.3086,
0.3119

 26.9151, 0.3052,
0.2987

194.8911, 0.3089,
0.3130

 17.5094, 0.3039,
0.2942

238.0913, 0.3092,
0.3140

 10.5984, 0.3022,
0.2882

287.2457, 0.3094,
0.3149

 5.7975, 0.2997,
0.2798

342.7385, 0.3096,

 2.7223, 0.2957,

0.3157

0.2669

404.9543, 0.3098,
0.3164

0.9885, 0.2882,
0.2452

0.0000, 0.1364,
0.0000

73.9432, 0.3074,
0.3071

73.9432, 0.3074,
0.3071

60.6485, 0.3003,
0.2803

89.1506, 0.3134,
0.3320

49.1785, 0.2921,
0.2521

98.4330, 0.3193,
0.3435

39.4522, 0.2827,
0.2230

99.0722, 0.3214,
0.3434

31.3785, 0.2723,
0.1942

■ 24.8579, 0.2611,
0.1669

■ 19.7801, 0.2495,
0.1424

■ 16.0192, 0.2379,
0.1222

■ 13.4268, 0.2268,
0.1071

■ 11.7851, 0.2165,
0.0971

Harmonies

Analogous

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



73.9432, 0.2948, 0.3052



73.9432, 0.3074, 0.3071



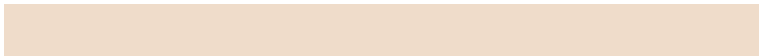
73.9432, 0.3217, 0.3145

Triad

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



73.9432, 0.3074, 0.3071



73.9432, 0.3390, 0.3481



73.9432, 0.2919, 0.3319

Complementary

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



73.9432, 0.3074, 0.3071



83.9415, 0.3176, 0.3511

Split Complementary

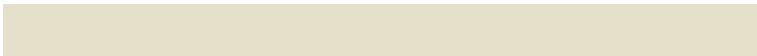
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9432, 0.3034, 0.3442



73.9432, 0.3074, 0.3071



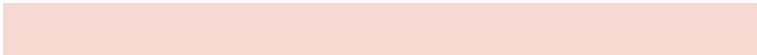
73.9432, 0.3306, 0.3535

Square

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



73.9432, 0.3074, 0.3071



73.9432, 0.3402, 0.3379



73.9432, 0.3176, 0.3522



73.9432, 0.2860, 0.3191

Rectangle

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



73.9432, 0.3074, 0.3071



73.9432, 0.3303, 0.3217



73.9432, 0.3176, 0.3522



73.9432, 0.2953, 0.3363

Sweetspot

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



73.9464, 0.3074, 0.3071



94.5984, 0.3110, 0.3216



76.9000, 0.2992, 0.3164



19.9463, 0.3105, 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.



73.9464, 0.3074, 0.3071



81.1787, 0.3059, 0.3011



75.4028, 0.3147, 0.3089



15.6741, 0.3069, 0.3052



6.4353, 0.2169, 0.0968



0.5939, 0.2300, 0.1041

Inverse Universe

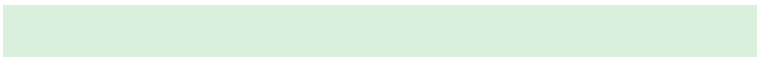
The Inverse Universe completely reimagines the original color for something new.



74.7962, 0.3218, 0.3197



82.4021, 0.3244, 0.3172



82.5788, 0.3108, 0.3499



15.8715, 0.3226, 0.3189



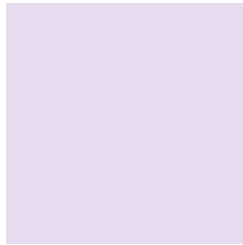
10.7026, 0.5257, 0.2670



0.9099, 0.4922, 0.2485

Previews

White Background



This preview shows how the Yxy color 73.9432, 0.3074, 0.3071 looks on a white background.

Color Contrast Check

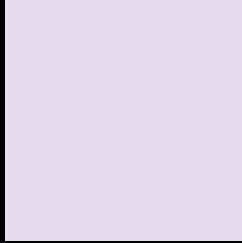
Large Text (above 18pt) WCAG AA × Fail

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 73.9432, 0.3074, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

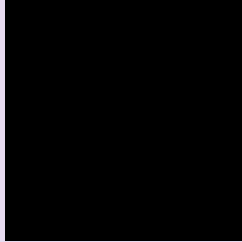
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

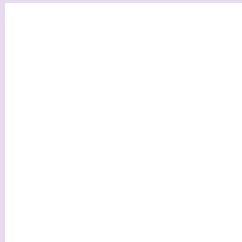
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9432, 0.3074, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 73.9432, 0.3074, 0.3071.



This preview shows how white text looks on a background with the Yxy color 73.9432, 0.3074, 0.3071.

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

73.9432, 0.3074, 0.3071

Protanopia

74.1830, 0.2999, 0.3079

Deuteranopia

73.9215, 0.3117, 0.3053



Tritanopia

74.2897, 0.3093, 0.3112

Trichromacy



Original Color

73.9432, 0.3074, 0.3071

Protanomaly

74.0713, 0.3026, 0.3079

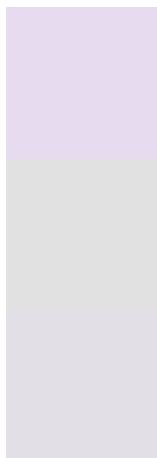
Deuteranomaly

74.0962, 0.3102, 0.3063

Tritanomaly

74.3484, 0.3087, 0.3102

Monochromacy



Original Color

73.9432, 0.3074, 0.3071

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.8194, 0.3110, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9432, 0.3074, 0.3071 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(231, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.9432, 0.3074, 0.3071 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(231, 219, 240) }
```

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

```
.border{ border-color:rgb(231, 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(231, 219, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9432, 0.3074, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 240) }
```

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

```
.background{ background-color: rgb(231,  
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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