

Converting Colors

$Yxy(74.1448, 0.3102, 0.3043)$

Have a look what the booklet for
Yxy(74.1448, 0.3102, 0.3043)
contains.

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Color

Yxy(73.8094, 0.3103, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	ECD9F1
RGB	236, 217, 241
RGB Percent	93%, 85%, 95%
CMY	0.0747, 0.1489, 0.0550
CMYK	0.02, 0.10, 0.00, 0.05
HSL	287°, 46%, 90%
HSV	287°, 10%, 95%
XYZ	75.2647, 73.8094, 93.4806
YIQ	225.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

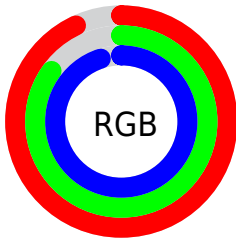
Format	Color
R _Y B	236, 217, 241
Decimal	15522289
CIE Lab	88.83, 10.72, -9.34
CIE LCh	89, 14.217, 318.926
Yxy	73.8094, 0.3103, 0.3043
Android (android.graphics.Color)	4293712369 (0xFFECD9F1)
YUV	225.4170, 7.6824, 9.2813
Hunter-Lab	85.9124, 6.0307, -4.3743

Details

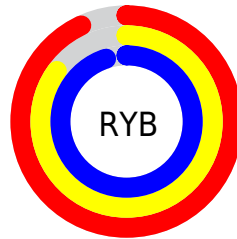
The Yxy color `73.8094, 0.3103, 0.3043` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.4484, 0.3148, 0.3544`, and the grayscale version is `75.5490, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.0467, 0.3095, 0.2984` is the 20% darker color. If you saturate the color by 10%, you get `61.4268, 0.3073, 0.2783`, and if you desaturate by 10%, it is `88.0368, 0.3127, 0.3291`.

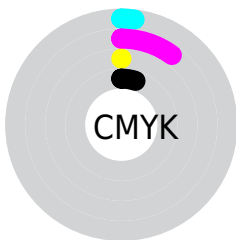
Distribution



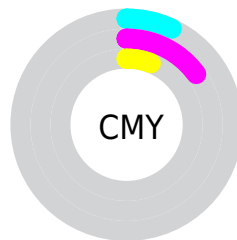
- Red (93%)
- Green (85%)
- Blue (95%)



- Red (93%)
- Yellow (85%)
- Blue (95%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8094, 0.3103, 0.3043 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 73.8094, 0.3103, 0.3043 by changing the saturation by 10% instead.


 73.8094, 0.3103,
0.3043

 73.8094, 0.3103,
0.3043


473.8153, 0.3115,
0.3155

 54.6381, 0.3100,
0.3018


124.6256, 0.3107,
0.3081

 39.1120, 0.3096,
0.2987


157.0392, 0.3109,
0.3097

 26.8469, 0.3091,
0.2949


194.6357, 0.3110,
0.3110

 17.4583, 0.3085,
0.2899

237.7995, 0.3112,
0.3121

 10.5618, 0.3075,
0.2833

286.9150, 0.3113,
0.3131

 5.7730, 0.3061,
0.2739

342.3665, 0.3114,

 2.7075, 0.3037,

0.3140

0.2598

404.5384, 0.3114,
0.3148

0.9810, 0.2989,
0.2362

0.0000, 0.2131,
0.0000

73.8094, 0.3103,
0.3043

73.8094, 0.3103,
0.3043

61.4268, 0.3073,
0.2783

88.0368, 0.3127,
0.3291

50.8010, 0.3038,
0.2516

97.4761, 0.3152,
0.3427

41.8511, 0.2996,
0.2251

98.4052, 0.3184,
0.3426

34.4858, 0.2949,
0.1999

99.1296, 0.3209,
0.3425

■ 28.6053, 0.2898,
0.1769

■ 24.0980, 0.2842,
0.1573

■ 20.8367, 0.2786,
0.1419

■ 18.6698, 0.2729,
0.1312

■ 17.3442, 0.2674,
0.1247

Harmonies

Analogous

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



73.8094, 0.2942, 0.3003



73.8094, 0.3103, 0.3043



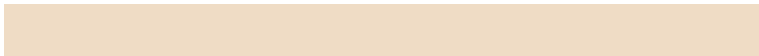
73.8094, 0.3274, 0.3144

Triad

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



73.8094, 0.3103, 0.3043



73.8094, 0.3428, 0.3542



73.8094, 0.2853, 0.3287

Complementary

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



73.8094, 0.3103, 0.3043



83.4484, 0.3148, 0.3544

Split Complementary

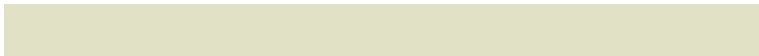
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8094, 0.2978, 0.3442



73.8094, 0.3103, 0.3043



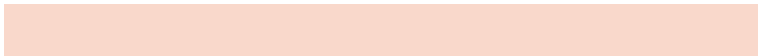
73.8094, 0.3309, 0.3591

Square

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



73.8094, 0.3103, 0.3043



73.8094, 0.3465, 0.3428



73.8094, 0.3144, 0.3555



73.8094, 0.2801, 0.3138

Rectangle

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



73.8094, 0.3103, 0.3043



73.8094, 0.3370, 0.3235



73.8094, 0.3144, 0.3555



73.8094, 0.2888, 0.3340

Sweetspot

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



73.8126, 0.3103, 0.3043



94.9120, 0.3120, 0.3217



73.4634, 0.2972, 0.3089



20.0311, 0.3118, 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.



73.8126, 0.3103, 0.3043



80.8067, 0.3097, 0.2989



74.2885, 0.3184, 0.3114



15.8539, 0.3104, 0.3055



9.4635, 0.2682, 0.1251



0.8288, 0.2755, 0.1291

Inverse Universe

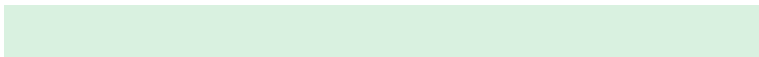
The Inverse Universe completely reimagines the original color for something new.



73.6142, 0.3267, 0.3238



80.5467, 0.3301, 0.3227



83.0253, 0.3075, 0.3473



15.8132, 0.3260, 0.3241



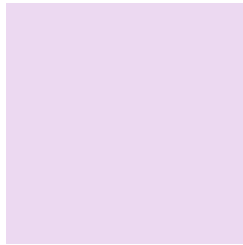
10.2849, 0.6046, 0.3104



0.8697, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 73.8094, 0.3103, 0.3043 looks on a white background.

Color Contrast Check

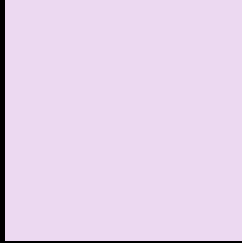
Large Text (above 18pt) WCAG AA × Fail

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 73.8094, 0.3103, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

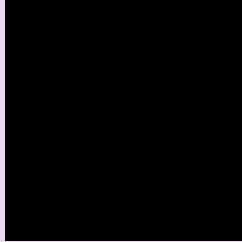
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

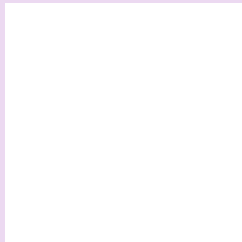
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8094, 0.3103, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 73.8094, 0.3103, 0.3043.



This preview shows how white text looks on a background with the Yxy color 73.8094, 0.3103, 0.3043.

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

73.8094, 0.3103, 0.3043

Protanopia

74.1464, 0.2980, 0.3058

Deuteranopia

73.9811, 0.3110, 0.3043



Tritanopia

73.8031, 0.3135, 0.3113

Trichromacy



Original Color

73.8094, 0.3103, 0.3043

Protanomaly

73.8262, 0.3020, 0.3049

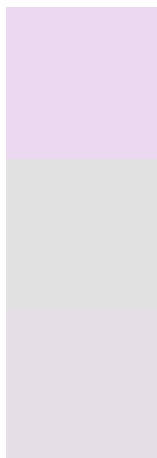
Deuteranomaly

73.9811, 0.3110, 0.3043

Tritanomaly

73.9194, 0.3122, 0.3093

Monochromacy



Original Color

73.8094, 0.3103, 0.3043

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6701, 0.3118, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8094, 0.3103, 0.3043 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, 217, 241)` looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 241)  
}
```

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, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 241) }
```

Border

The CSS property to change the border of an element to Yxy 73.8094, 0.3103, 0.3043 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, 217, 241) }
```

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

```
.border{ border-color:rgb(236, 217, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 217, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 217,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8094, 0.3103, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 217, 241) }
```

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

```
.background{ background-color: rgb(236,  
217, 241) }
```

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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