

Converting Colors

$Yxy(73.0056, 0.3075, 0.3003)$

Have a look what the booklet for
Yxy(73.0056, 0.3075, 0.3003)
contains.

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Color

Yxy(73.1358, 0.3070, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	EAD8F4
RGB	234, 216, 244
RGB Percent	92%, 85%, 96%
CMY	0.0823, 0.1529, 0.0432
CMYK	0.04, 0.11, 0.00, 0.04
HSL	279°, 56%, 90%
HSV	279°, 11%, 96%
XYZ	74.8174, 73.1358, 95.7516
YIQ	224.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

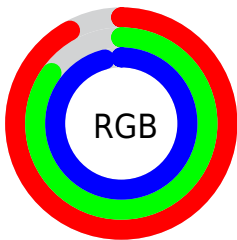
Format	Color
R_{YB}	234, 216, 244
Decimal	15390964
CIE _{Lab}	88.51, 11.18, -11.42
CIE _{LCh}	89, 15.980, 314.388
Yxy	73.1358, 0.3070, 0.3001
Android (android.graphics.Color)	4293581044 (0xFFEAD8F4)
YUV	224.5740, 9.5770, 8.2666
Hunter-Lab	85.5195, 6.5030, -6.5202

Details

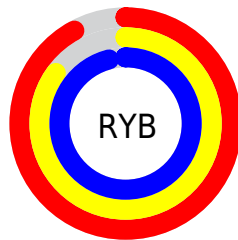
The Yxy color **73.1358, 0.3070, 0.3001** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8189, 0.3178, 0.3584**, and the grayscale version is **74.9049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5856, 0.3052, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **60.1146, 0.3010, 0.2732**, and if you desaturate by 10%, it is **88.0918, 0.3120, 0.3254**.

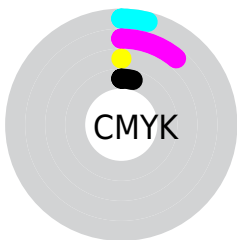
Distribution



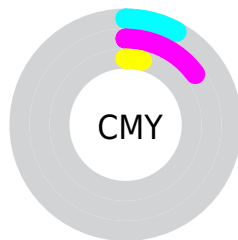
- Red (92%)
- Green (85%)
- Blue (96%)



- Red (92%)
- Yellow (85%)
- Blue (96%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)





- Cyan (8%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1358, 0.3070, 0.3001 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 73.1358, 0.3070, 0.3001 by changing the saturation by 10% instead.


 73.1358, 0.3070,
0.3001

 73.1358, 0.3070,
0.3001


471.4853, 0.3098,
0.3132

 54.0870, 0.3063,
0.2972


123.6700, 0.3080,
0.3046

 38.6712, 0.3055,
0.2936


155.9242, 0.3083,
0.3064

 26.5041, 0.3045,
0.2891


193.3489, 0.3087,
0.3079

 17.2011, 0.3031,
0.2833

236.3287, 0.3089,
0.3092

 10.3780, 0.3011,
0.2756

285.2478, 0.3092,
0.3104

 5.6503, 0.2982,
0.2647

340.4907, 0.3094,

 2.6336, 0.2935,

0.3114

0.2485

402.4417, 0.3096,
0.3124

■ 0.9436, 0.2845,
0.2214

■ 0.0000, 0.1582,
0.0000

■ 73.1358, 0.3070,
0.3001

■ 73.1358, 0.3070,
0.3001

■ 60.1146, 0.3010,
0.2732

■ 88.0918, 0.3120,
0.3254

■ 48.9361, 0.2941,
0.2452

■ 98.6365, 0.3168,
0.3396

■ 39.5151, 0.2862,
0.2170

■ 99.3110, 0.3191,
0.3396

■ 31.7553, 0.2774,
0.1896

■ 25.5512, 0.2680,
0.1643

■ 20.7849, 0.2583,
0.1422

■ 17.3210, 0.2485,
0.1247

■ 14.9969, 0.2391,
0.1121

■ 13.6982, 0.2315,
0.1049

Harmonies

Analogous

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



73.1358, 0.2896, 0.2967



73.1358, 0.3070, 0.3001



73.1358, 0.3265, 0.3106

Triad

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



73.1358, 0.3070, 0.3001



73.1358, 0.3479, 0.3558



73.1358, 0.2836, 0.3313

Complementary

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



73.1358, 0.3070, 0.3001



85.8189, 0.3178, 0.3584

Split Complementary

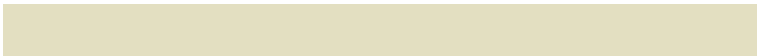
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1358, 0.2985, 0.3485



73.1358, 0.3070, 0.3001



73.1358, 0.3357, 0.3627

Square

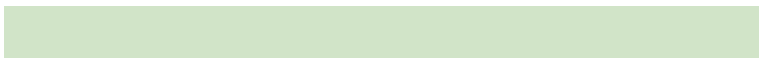
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1358, 0.3070, 0.3001



73.1358, 0.3505, 0.3421



73.1358, 0.3175, 0.3602



73.1358, 0.2764, 0.3140

Rectangle

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



73.1358, 0.3070, 0.3001



73.1358, 0.3379, 0.3203



73.1358, 0.3175, 0.3602



73.1358, 0.2878, 0.3373

Sweetspot

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



73.1389, 0.3070, 0.3001



94.7021, 0.3113, 0.3217



75.6675, 0.2948, 0.3101



19.9743, 0.3109, 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.



73.1389, 0.3070, 0.3001



76.9649, 0.3056, 0.2933



74.6515, 0.3165, 0.3044



16.4555, 0.3081, 0.3053



7.5286, 0.2329, 0.1057



0.7192, 0.2440, 0.1118

Inverse Universe

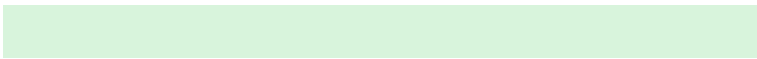
The Inverse Universe completely reimagines the original color for something new.



73.8349, 0.3263, 0.3188



77.9076, 0.3298, 0.3164



84.4477, 0.3091, 0.3549



16.5801, 0.3237, 0.3206



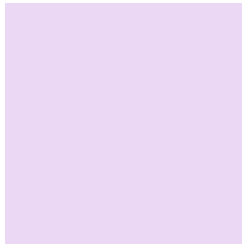
10.8557, 0.5553, 0.2833



0.9730, 0.5207, 0.2642

Previews

White Background



This preview shows how the Yxy color 73.1358, 0.3070, 0.3001 looks on a white background.

Color Contrast Check

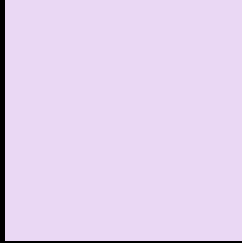
Large Text (above 18pt) WCAG AA × Fail

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 73.1358, 0.3070, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

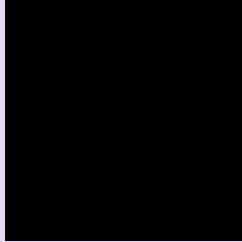
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

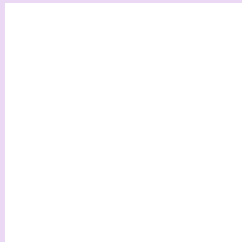
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1358, 0.3070, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 73.1358, 0.3070, 0.3001.

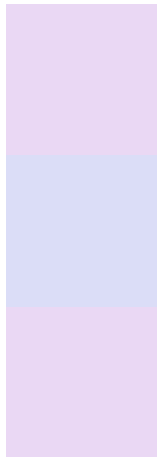


This preview shows how white text looks on a background with the Yxy color 73.1358, 0.3070, 0.3001.

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

73.1358, 0.3070, 0.3001

Protanopia

73.4884, 0.2948, 0.3015

Deuteranopia

73.1358, 0.3070, 0.3001



Tritanopia

73.4646, 0.3121, 0.3113

Trichromacy



Original Color

73.1358, 0.3070, 0.3001

Protanomaly

73.1642, 0.2988, 0.3007

Deuteranomaly

73.1358, 0.3070, 0.3001

Tritanomaly

73.1224, 0.3102, 0.3071

Monochromacy



Original Color

73.1358, 0.3070, 0.3001

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5627, 0.3104, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1358, 0.3070, 0.3001 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(234, 216, 244)` looks like.

```
.text, #text, p{  
    color:rgb(234, 216, 244)  
}
```

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(234, 216, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 216, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.1358, 0.3070, 0.3001 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(234, 216, 244) }
```

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

```
.border{ border-color:rgb(234, 216, 244) }
```

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

Here you see how a box with a 4 pixel rgb(234, 216, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 216, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 216, 244);  
box-shadow:4px 4px 4px 4px rgb(234, 216,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1358, 0.3070, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 216, 244) }
```

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

```
.background{ background-color: rgb(234,  
216, 244) }
```

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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