

Converting Colors

Yxy(74.1641, 0.3085, 0.3153)

Have a look what the booklet for
Yxy(74.1641, 0.3085, 0.3153)
contains.

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Color

Yxy(73.9843, 0.3084, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	E3DDEA
RGB	227, 221, 234
RGB Percent	89%, 87%, 92%
CMY	0.1101, 0.1332, 0.0824
CMYK	0.03, 0.06, 0.00, 0.08
HSL	267°, 24%, 89%
HSV	267°, 6%, 92%
XYZ	72.3652, 73.9843, 88.2978
YIQ	224.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

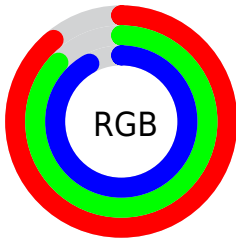
Format	Color
R _Y B	227, 221, 234
Decimal	14933482
CIE Lab	88.92, 4.34, -5.62
CIE LCh	89, 7.101, 307.703
Yxy	73.9843, 0.3084, 0.3153
Android (android.graphics.Color)	4293123562 (0xFFE3DDEA)
YUV	224.2760, 4.7939, 2.3889
Hunter-Lab	86.0141, -0.3495, -0.6543

Details

The Yxy color **73.9843, 0.3084, 0.3153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.5713, 0.3169, 0.3427**, and the grayscale version is **74.7084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2574, 0.3080, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **60.4795, 0.2996, 0.2888**, and if you desaturate by 10%, it is **89.3713, 0.3159, 0.3395**.

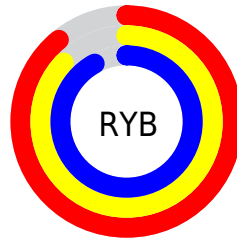
Distribution



Red (89%)

Green (87%)

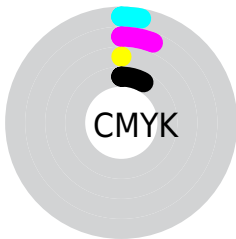
Blue (92%)



Red (89%)

Yellow (87%)

Blue (92%)

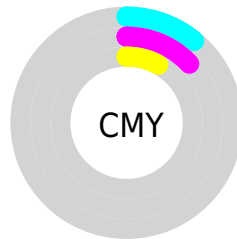


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9843, 0.3084, 0.3153 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 73.9843, 0.3084, 0.3153 by changing the saturation by 10% instead.

■ 73.9843, 0.3084,
0.3153

■ 73.9843, 0.3084,
0.3153

474.4192, 0.3104,
0.3216

■ 54.7812, 0.3079,
0.3139

124.8736, 0.3091,
0.3175

■ 39.2266, 0.3074,
0.3121

157.3285, 0.3094,
0.3183

■ 26.9360, 0.3066,
0.3099

194.9695, 0.3096,
0.3190

■ 17.5252, 0.3057,
0.3071

238.1809, 0.3098,
0.3197

■ 10.6096, 0.3043,
0.3032

287.3472, 0.3100,
0.3202

■ 5.8050, 0.3024,
0.2977

342.8528, 0.3101,

■ 2.7269, 0.2993,

0.3207

0.2892

405.0820, 0.3103,
0.3212

0.9909, 0.2937,
0.2744

0.0000, 0.0000,
0.0000

73.9843, 0.3084,
0.3153

73.9843, 0.3084,
0.3153

60.4795, 0.2996,
0.2888

89.3713, 0.3159,
0.3395

48.7734, 0.2894,
0.2603

98.2401, 0.3234,
0.3494

38.7900, 0.2778,
0.2303

98.7198, 0.3250,
0.3493

30.4442, 0.2649,
0.1998

■ 23.6432, 0.2510,
0.1699

■ 18.2850, 0.2367,
0.1424

■ 14.2545, 0.2225,
0.1186

■ 11.4181, 0.2091,
0.1001

■ 9.6120, 0.1971,
0.0875

Harmonies

Analogous

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



73.9843, 0.3010, 0.3147



73.9843, 0.3084, 0.3153



73.9843, 0.3170, 0.3194

Triad

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



73.9843, 0.3084, 0.3153



73.9843, 0.3289, 0.3399



73.9843, 0.3010, 0.3319

Complementary

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



73.9843, 0.3084, 0.3153



80.5713, 0.3169, 0.3427

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.



73.9843, 0.3083, 0.3389



73.9843, 0.3084, 0.3153



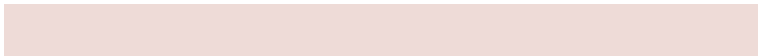
73.9843, 0.3244, 0.3435

Square

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



73.9843, 0.3084, 0.3153



73.9843, 0.3289, 0.3335



73.9843, 0.3169, 0.3432



73.9843, 0.2968, 0.3242

Rectangle

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



73.9843, 0.3084, 0.3153



73.9843, 0.3223, 0.3236



73.9843, 0.3169, 0.3432



73.9843, 0.3031, 0.3344

Sweetspot

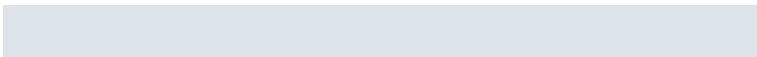
The Sweet Spot groups the original color and five complimentary colors.



73.9875, 0.3084, 0.3153



96.2651, 0.3112, 0.3241



76.8907, 0.3042, 0.3228



20.6438, 0.3113, 0.3244



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.



73.9875, 0.3084, 0.3153



87.3346, 0.3072, 0.3115



75.0507, 0.3129, 0.3155



15.4554, 0.3067, 0.3101



5.1437, 0.1939, 0.0842



0.4604, 0.2093, 0.0926

Inverse Universe

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



74.8274, 0.3172, 0.3216



88.6239, 0.3185, 0.3196



79.5399, 0.3125, 0.3428



15.7032, 0.3190, 0.3188



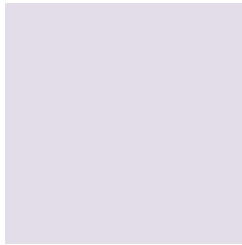
10.7267, 0.4764, 0.2398



0.8617, 0.4489, 0.2246

Previews

White Background



This preview shows how the Yxy color 73.9843, 0.3084, 0.3153 looks on a white background.

Color Contrast Check

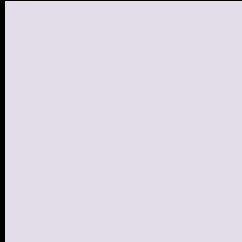
Large Text (above 18pt) WCAG AA × Fail

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 73.9843, 0.3084, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

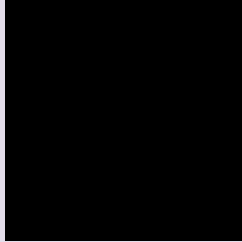
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

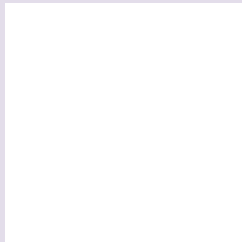
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9843, 0.3084, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 73.9843, 0.3084, 0.3153.

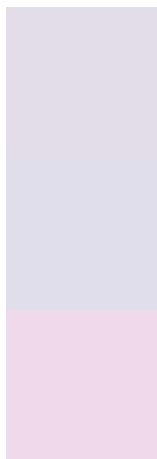


This preview shows how white text looks on a background with the Yxy color 73.9843, 0.3084, 0.3153.

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

73.9843, 0.3084, 0.3153

Protanopia

74.0880, 0.3057, 0.3152

Deuteranopia

74.1491, 0.3172, 0.3105



Tritanopia

73.8534, 0.3066, 0.3101

Trichromacy



Original Color

73.9843, 0.3084, 0.3153

Protanomaly

74.2483, 0.3064, 0.3152

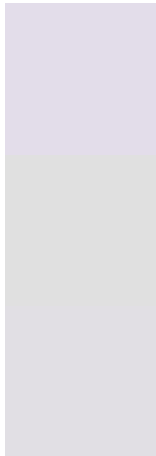
Deuteranomaly

73.8031, 0.3135, 0.3113

Tritanomaly

73.7948, 0.3072, 0.3111

Monochromacy



Original Color

73.9843, 0.3084, 0.3153

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3843, 0.3109, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9843, 0.3084, 0.3153 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(227, 221, 234)` looks like.

```
.text, #text, p{  
    color:rgb(227, 221, 234)  
}
```

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(227, 221, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 221, 234) }
```

Border

The CSS property to change the border of an element to Yxy 73.9843, 0.3084, 0.3153 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(227, 221, 234) }
```

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

```
.border{ border-color:rgb(227, 221, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 221, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 221, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 221, 234);  
box-shadow:4px 4px 4px 4px rgb(227, 221,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9843, 0.3084, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 221, 234) }
```

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

```
.background{ background-color: rgb(227,  
221, 234) }
```

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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