

Converting Colors

$Yxy(73.7418, 0.3103, 0.2993)$

Have a look what the booklet for
Yxy(73.7418, 0.3103, 0.2993)
contains.

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Color

Yxy(73.4833, 0.3105, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	EFD7F4
RGB	239, 215, 244
RGB Percent	94%, 84%, 96%
CMY	0.0630, 0.1567, 0.0432
CMYK	0.02, 0.12, 0.00, 0.04
HSL	290°, 57%, 90%
HSV	290°, 12%, 96%
XYZ	76.2076, 73.4833, 95.7443
YIQ	225.4820, 4.9950, 14.1070

Conversions

Conversions Part 2

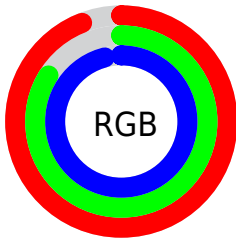
Format	Color
R _Y B	239, 215, 244
Decimal	15718388
CIE Lab	88.68, 13.31, -11.13
CIE LCh	89, 17.348, 320.093
Yxy	73.4833, 0.3105, 0.2994
Android (android.graphics.Color)	4293908468 (0xFFEFD7F4)
YUV	225.4820, 9.1294, 11.8553
Hunter-Lab	85.7224, 8.6732, -6.2160

Details

The Yxy color **73.4833, 0.3105, 0.2994** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.8306, 0.3145, 0.3598**, and the grayscale version is **75.5869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8397, 0.3098, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **61.2391, 0.3081, 0.2734**, and if you desaturate by 10%, it is **87.6043, 0.3124, 0.3245**.

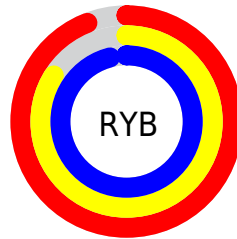
Distribution



Red (94%)

Green (84%)

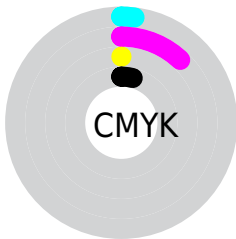
Blue (96%)



Red (94%)

Yellow (84%)

Blue (96%)

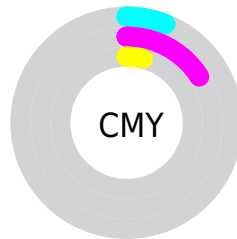


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (6%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4833, 0.3105, 0.2994 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 73.4833, 0.3105, 0.2994 by changing the saturation by 10% instead.


 73.4833, 0.3105,
0.2994

 73.4833, 0.3105,
0.2994


472.6881, 0.3117,
0.3128

 54.3712, 0.3102,
0.2964


124.1631, 0.3109,
0.3040

 38.8985, 0.3098,
0.2928

156.4996, 0.3111,
0.3058

 26.6808, 0.3093,
0.2882


194.0130, 0.3112,
0.3073

 17.3336, 0.3087,
0.2824


237.0878, 0.3113,
0.3087

 10.4727, 0.3077,
0.2745

286.1083, 0.3114,
0.3099

 5.7135, 0.3062,
0.2636

341.4589, 0.3115,

 2.6716, 0.3035,

0.3110

0.2472

403.5241, 0.3116,
0.3119

0.9628, 0.2982,
0.2203

0.0000, 0.2309,
0.0000

73.4833, 0.3105,
0.2994

73.4833, 0.3105,
0.2994

61.2391, 0.3081,
0.2734

87.6043, 0.3124,
0.3245

50.7803, 0.3053,
0.2470

97.9070, 0.3144,
0.3397

42.0221, 0.3019,
0.2211

98.6919, 0.3170,
0.3396

34.8692, 0.2981,
0.1967

99.3109, 0.3191,
0.3396

■ 29.2166, 0.2939,
0.1751

■ 24.9466, 0.2894,
0.1570

■ 21.9241, 0.2847,
0.1433

■ 19.9862, 0.2801,
0.1342

■ 19.0049, 0.2764,
0.1296

Harmonies

Analogous

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



73.4833, 0.2908, 0.2941



73.4833, 0.3105, 0.2994



73.4833, 0.3314, 0.3119

Triad

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



73.4833, 0.3105, 0.2994



73.4833, 0.3491, 0.3601



73.4833, 0.2789, 0.3277

Complementary

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



73.4833, 0.3105, 0.2994



84.8306, 0.3145, 0.3598

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.



73.4833, 0.2937, 0.3470



73.4833, 0.3105, 0.2994



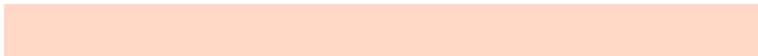
73.4833, 0.3342, 0.3659

Square

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



73.4833, 0.3105, 0.2994



73.4833, 0.3541, 0.3463



73.4833, 0.3138, 0.3612



73.4833, 0.2730, 0.3096

Rectangle

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



73.4833, 0.3105, 0.2994



73.4833, 0.3431, 0.3229



73.4833, 0.3138, 0.3612



73.4833, 0.2830, 0.3343

Sweetspot

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



73.4865, 0.3105, 0.2994



93.3278, 0.3120, 0.3192



72.3472, 0.2940, 0.3037



19.7157, 0.3119, 0.3173



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.



73.4865, 0.3105, 0.2994



78.1371, 0.3100, 0.2938



73.8348, 0.3203, 0.3088



16.6135, 0.3110, 0.3055



10.3886, 0.2771, 0.1300



0.9506, 0.2829, 0.1332

Inverse Universe

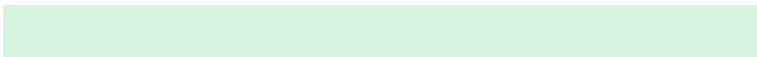
The Inverse Universe completely reimagines the original color for something new.



73.0190, 0.3306, 0.3238



77.5450, 0.3343, 0.3228



84.5384, 0.3059, 0.3501



16.5297, 0.3266, 0.3249



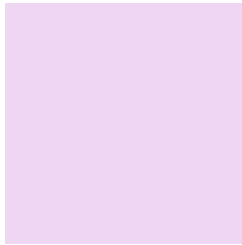
10.5649, 0.6140, 0.3156



0.9416, 0.5821, 0.2980

Previews

White Background



This preview shows how the Yxy color 73.4833, 0.3105, 0.2994 looks on a white background.

Color Contrast Check

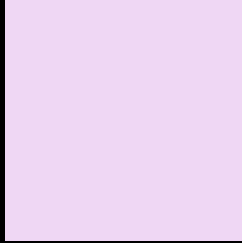
Large Text (above 18pt) WCAG AA × Fail

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 73.4833, 0.3105, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

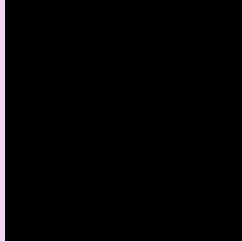
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4833, 0.3105, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 73.4833, 0.3105, 0.2994.



This preview shows how white text looks on a background with the Yxy color 73.4833, 0.3105, 0.2994.

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

73.4833, 0.3105, 0.2994

Protanopia

73.5503, 0.2942, 0.3005

Deuteranopia

73.8195, 0.3077, 0.3012



Tritanopia

73.5707, 0.3157, 0.3114

Trichromacy



Original Color

73.4833, 0.3105, 0.2994

Protanomaly

73.5472, 0.2995, 0.2998

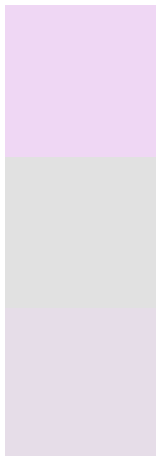
Deuteranomaly

73.4763, 0.3084, 0.3002

Tritanomaly

73.4619, 0.3138, 0.3063

Monochromacy



Original Color

73.4833, 0.3105, 0.2994

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.3621, 0.3118, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4833, 0.3105, 0.2994 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(239, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 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(239, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.4833, 0.3105, 0.2994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

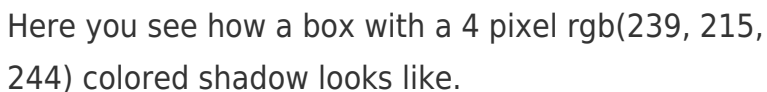
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 215, 244) }
```

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

```
.border{ border-color:rgb(239, 215, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 215, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 215, 244); box-shadow:4px 4px 4px 4px rgb(239, 215, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4833, 0.3105, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 215, 244) }
```

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

```
.background{ background-color: rgb(239,  
215, 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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