

Converting Colors

Yxy(73.4667, 0.3188, 0.3026)

Have a look what the booklet for
Yxy(73.4667, 0.3188, 0.3026)
contains.

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Color

Yxy(73.4133, 0.3190, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5EF
RGB	246, 213, 239
RGB Percent	96%, 84%, 94%
CMY	0.0355, 0.1646, 0.0628
CMYK	0.00, 0.13, 0.03, 0.04
HSL	313°, 65%, 90%
HSV	313°, 13%, 96%
XYZ	77.3665, 73.4133, 91.7484
YIQ	225.8310, 11.3220, 15.0820

Conversions

Conversions Part 2

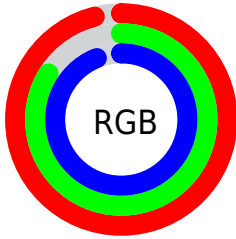
Format	Color
R_{YB}	246, 213, 239
Decimal	16176623
CIE _{Lab}	88.64, 15.79, -8.48
CIE _{LCh}	89, 17.928, 331.758
Yxy	73.4133, 0.3190, 0.3027
Android (android.graphics.Color)	4294366703 (0xFFFF6D5EF)
YUV	225.8310, 6.4923, 17.6882
Hunter-Lab	85.6816, 11.2346, -3.5111

Details

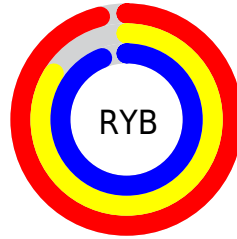
The Yxy color **73.4133, 0.3190, 0.3027** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.1983, 0.3070, 0.3568**, and the grayscale version is **75.8695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8198, 0.3209, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **61.6631, 0.3246, 0.2823**, and if you desaturate by 10%, it is **87.0551, 0.3142, 0.3225**.

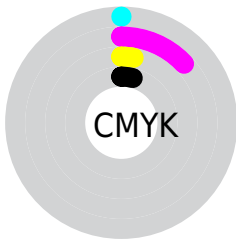
Distribution



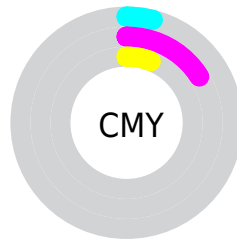
- Red (96%)
- Green (84%)
- Blue (94%)



- Red (96%)
- Yellow (84%)
- Blue (94%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4133, 0.3190, 0.3027 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 73.4133, 0.3190, 0.3027 by changing the saturation by 10% instead.

 73.4133, 0.3190,
0.3027

 73.4133, 0.3190,
0.3027


472.4460, 0.3162,
0.3146

 54.3140, 0.3196,
0.3000

124.0638, 0.3181,
0.3068

 38.8527, 0.3203,
0.2968


156.3837, 0.3177,
0.3084

 26.6452, 0.3213,
0.2927


193.8793, 0.3174,
0.3098

 17.3069, 0.3224,
0.2875

236.9349, 0.3171,
0.3110

 10.4536, 0.3239,
0.2805

285.9350, 0.3168,
0.3120

 5.7007, 0.3260,
0.2707

341.2640, 0.3166,

 2.6640, 0.3289,

0.3130

0.2560

403.3062, 0.3164,
0.3138

0.9589, 0.3334,
0.2315

0.0000, 0.3612,
0.0000

73.4133, 0.3190,
0.3027

73.4133, 0.3190,
0.3027

61.6631, 0.3246,
0.2823

87.0551, 0.3142,
0.3225

51.7105, 0.3309,
0.2619

97.9679, 0.3103,
0.3344

43.4681, 0.3380,
0.2423

98.2974, 0.3074,
0.3294

36.8372, 0.3457,
0.2244

98.3241, 0.3072,
0.3290

■ 31.7092, 0.3539,
0.2091

■ 27.9618, 0.3624,
0.1976

■ 25.4537, 0.3708,
0.1906

■ 24.0130, 0.3789,
0.1884

■ 23.4784, 0.3841,
0.1890

Harmonies

Analogous

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



73.4133, 0.2974, 0.2941



73.4133, 0.3190, 0.3027



73.4133, 0.3394, 0.3177

Triad

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



73.4133, 0.3190, 0.3027



73.4133, 0.3453, 0.3646



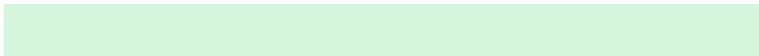
73.4133, 0.2742, 0.3199

Complementary

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



73.4133, 0.3190, 0.3027



85.1983, 0.3070, 0.3568

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.



73.4133, 0.2862, 0.3401



73.4133, 0.3190, 0.3027



73.4133, 0.3271, 0.3666

Square

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



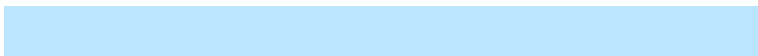
73.4133, 0.3190, 0.3027



73.4133, 0.3549, 0.3531



73.4133, 0.3054, 0.3576



73.4133, 0.2722, 0.3032

Rectangle

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



73.4133, 0.3190, 0.3027



73.4133, 0.3494, 0.3298



73.4133, 0.3054, 0.3576



73.4133, 0.2772, 0.3265

Sweetspot

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



73.4165, 0.3190, 0.3027



93.5258, 0.3145, 0.3213



69.4064, 0.2957, 0.2940



19.7660, 0.3148, 0.3198



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.



73.4165, 0.3190, 0.3027



76.1316, 0.3204, 0.2974



72.5073, 0.3303, 0.3189



16.7048, 0.3170, 0.3105



12.5587, 0.3829, 0.1883



1.1184, 0.3736, 0.1831

Inverse Universe

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



73.4165, 0.3190, 0.3027



76.1316, 0.3204, 0.2974



86.0924, 0.2978, 0.3394



16.7048, 0.3170, 0.3105



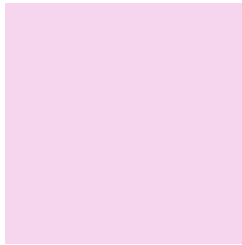
12.5587, 0.3829, 0.1883



1.1184, 0.3736, 0.1831

Previews

White Background



This preview shows how the Yxy color 73.4133, 0.3190, 0.3027 looks on a white background.

Color Contrast Check

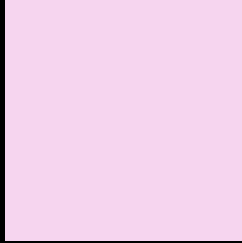
Large Text (above 18pt) WCAG AA × Fail

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 73.4133, 0.3190, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

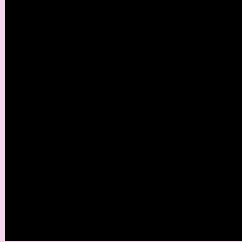
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4133, 0.3190, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 73.4133, 0.3190, 0.3027.



This preview shows how white text looks on a background with the Yxy color 73.4133, 0.3190, 0.3027.

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

73.4133, 0.3190, 0.3027

Protanopia

73.4602, 0.2973, 0.3046

Deuteranopia

73.2893, 0.3131, 0.3063



Tritanopia

73.2751, 0.3238, 0.3116

Trichromacy



Original Color

73.4133, 0.3190, 0.3027

Protanomaly

73.2116, 0.3048, 0.3039

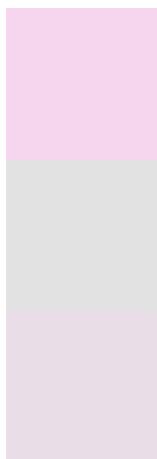
Deuteranomaly

73.2992, 0.3153, 0.3054

Tritanomaly

73.4461, 0.3217, 0.3086

Monochromacy



Original Color

73.4133, 0.3190, 0.3027

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.8061, 0.3146, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4133, 0.3190, 0.3027 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(246, 213, 239)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 239)  
}
```

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(246, 213, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 239) }
```

Border

The CSS property to change the border of an element to Yxy 73.4133, 0.3190, 0.3027 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(246, 213, 239) }
```

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

```
.border{ border-color:rgb(246, 213, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4133, 0.3190, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 239) }
```

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

```
.background{ background-color: rgb(246,  
213, 239) }
```

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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