

Converting Colors

$Y_{xy}(73.0075, 0.3239, 0.3096)$

Have a look what the booklet for
Yxy(73.0075, 0.3239, 0.3096)
contains.

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Color

Yxy(73.0075, 0.3239, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5E8
RGB	246, 213, 232
RGB Percent	96%, 84%, 91%
CMY	0.0351, 0.1648, 0.0901
CMYK	0.00, 0.13, 0.06, 0.04
HSL	325°, 65%, 90%
HSV	325°, 13%, 96%
XYZ	76.3796, 73.0075, 86.4252
YIQ	225.0330, 13.5690, 12.9050

Conversions

Conversions Part 2

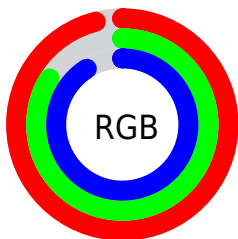
Format	Color
R _Y B	246, 213, 232
Decimal	16176616
CIE Lab	88.45, 14.63, -5.09
CIE LCh	88, 15.493, 340.820
Yxy	73.0075, 0.3239, 0.3096
Android (android.graphics.Color)	4294366696 (0xFFFF6D5E8)
YUV	225.0330, 3.4347, 18.3881
Hunter-Lab	85.4444, 10.0352, -0.1595

Details

The Yxy color **73.0075, 0.3239, 0.3096** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.6303, 0.3029, 0.3492**, and the grayscale version is **75.2932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5355, 0.3273, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **60.9830, 0.3342, 0.2944**, and if you desaturate by 10%, it is **86.9513, 0.3153, 0.3242**.

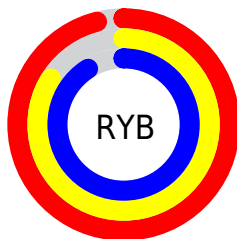
Distribution



Red (96%)

Green (84%)

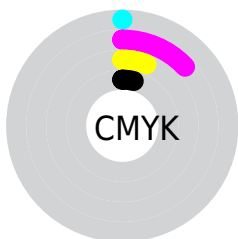
Blue (91%)



Red (96%)

Yellow (84%)

Blue (91%)

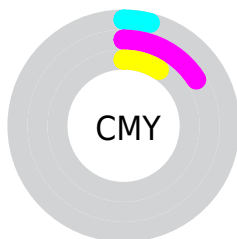


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0075, 0.3239, 0.3096 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 73.0075, 0.3239, 0.3096 by changing the saturation by 10% instead.


 73.0075, 0.3239,
0.3096

 73.0075, 0.3239,
0.3096


471.0408, 0.3188,
0.3184

 53.9821, 0.3250,
0.3076


123.4879, 0.3221,
0.3126

 38.5873, 0.3265,
0.3052


155.7116, 0.3215,
0.3138

 26.4389, 0.3282,
0.3021


193.1036, 0.3209,
0.3149

 17.1522, 0.3306,
0.2981

236.0482, 0.3203,
0.3158

 10.3431, 0.3337,
0.2928

284.9298, 0.3199,
0.3165

 5.6270, 0.3381,
0.2852

340.1329, 0.3195,

 2.6196, 0.3449,

0.3172

0.2737

402.0417, 0.3191,
0.3179

0.9366, 0.3566,
0.2540

0.0000, 0.5345,
0.0000

73.0075, 0.3239,
0.3096

73.0075, 0.3239,
0.3096

60.9830, 0.3342,
0.2944

86.9513, 0.3153,
0.3242

50.7832, 0.3463,
0.2790

98.2064, 0.3084,
0.3310

42.3200, 0.3605,
0.2640

98.3411, 0.3072,
0.3290

35.4941, 0.3767,
0.2503

■ 30.1959, 0.3948,
0.2389

■ 26.3026, 0.4143,
0.2312

■ 23.6718, 0.4345,
0.2283

■ 22.1308, 0.4544,
0.2307

■ 21.5441, 0.4672,
0.2347

Harmonies

Analogous

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



73.0075, 0.3050, 0.3001



73.0075, 0.3239, 0.3096



73.0075, 0.3402, 0.3239

Triad

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



73.0075, 0.3239, 0.3096



73.0075, 0.3368, 0.3613



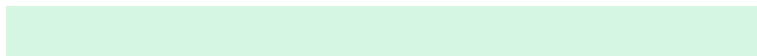
73.0075, 0.2778, 0.3163

Complementary

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



73.0075, 0.3239, 0.3096



85.6303, 0.3029, 0.3492

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.



73.0075, 0.2858, 0.3334



73.0075, 0.3239, 0.3096



73.0075, 0.3196, 0.3600

Square

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



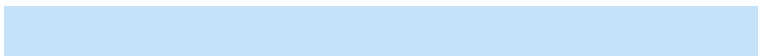
73.0075, 0.3239, 0.3096



73.0075, 0.3477, 0.3537



73.0075, 0.3010, 0.3497



73.0075, 0.2788, 0.3035

Rectangle

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



73.0075, 0.3239, 0.3096



73.0075, 0.3471, 0.3346



73.0075, 0.3010, 0.3497



73.0075, 0.2795, 0.3218

Sweetspot

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



73.0107, 0.3239, 0.3096



93.3883, 0.3158, 0.3234



70.5310, 0.3006, 0.2944



19.7311, 0.3164, 0.3223



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.



73.0107, 0.3239, 0.3096



75.6094, 0.3264, 0.3057



72.1278, 0.3355, 0.3262



16.6425, 0.3203, 0.3155



11.5233, 0.4641, 0.2330



1.0333, 0.4412, 0.2204

Inverse Universe

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



73.0107, 0.3239, 0.3096



75.6094, 0.3264, 0.3057



86.5722, 0.2937, 0.3318



16.6425, 0.3203, 0.3155



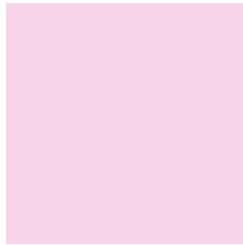
11.5233, 0.4641, 0.2330



1.0333, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 73.0075, 0.3239, 0.3096 looks on a white background.

Color Contrast Check

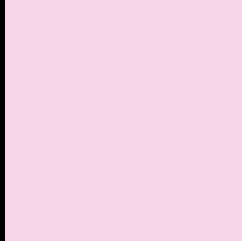
Large Text (above 18pt) WCAG AA × Fail

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 73.0075, 0.3239, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

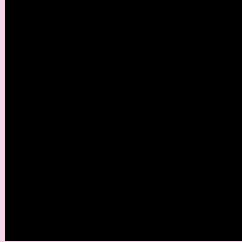
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0075, 0.3239, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 73.0075, 0.3239, 0.3096.



This preview shows how white text looks on a background with the Yxy color 73.0075, 0.3239, 0.3096.

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

73.0075, 0.3239, 0.3096

Protanopia

73.3569, 0.3031, 0.3120

Deuteranopia

72.7778, 0.3186, 0.3114



Tritanopia

72.8945, 0.3253, 0.3116

Trichromacy



Original Color

73.0075, 0.3239, 0.3096

Protanomaly

73.1299, 0.3107, 0.3112

Deuteranomaly

72.7966, 0.3209, 0.3105

Tritanomaly

72.9509, 0.3246, 0.3106

Monochromacy



Original Color

73.0075, 0.3239, 0.3096

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6380, 0.3166, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0075, 0.3239, 0.3096 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 232) }
```

Border

The CSS property to change the border of an element to Yxy 73.0075, 0.3239, 0.3096 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, 232) }
```

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

```
.border{ border-color:rgb(246, 213, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0075, 0.3239, 0.3096 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, 232) }
```

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

```
.background{ background-color: rgb(246,  
213, 232) }
```

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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