

Converting Colors

$Y_{xy}(74.2885, 0.3195, 0.3108)$

Have a look what the booklet for
Yxy(74.2885, 0.3195, 0.3108)
contains.

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Color

Yxy(74.1069, 0.3201, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	F3D8EA
RGB	243, 216, 234
RGB Percent	95%, 85%, 92%
CMY	0.0470, 0.1529, 0.0824
CMYK	0.00, 0.11, 0.04, 0.05
HSL	320°, 53%, 90%
HSV	320°, 11%, 95%
XYZ	76.3735, 74.1069, 88.1123
YIQ	226.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

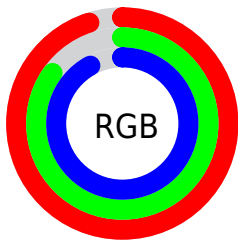
Format	Color
R _Y B	243, 216, 234
Decimal	15980778
CIE Lab	88.97, 12.37, -5.39
CIE LCh	89, 13.494, 336.468
Yxy	74.1069, 0.3201, 0.3106
Android (android.graphics.Color)	4294170858 (0xFFFF3D8EA)
YUV	226.1250, 3.8824, 14.7994
Hunter-Lab	86.0854, 7.7129, -0.4263

Details

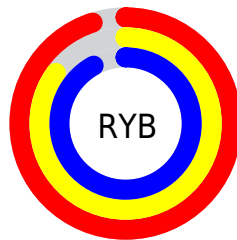
The Yxy color **74.1069, 0.3201, 0.3106** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.1517, 0.3060, 0.3481**, and the grayscale version is **76.1174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2689, 0.3223, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **62.1088, 0.3280, 0.2933**, and if you desaturate by 10%, it is **87.9743, 0.3134, 0.3272**.

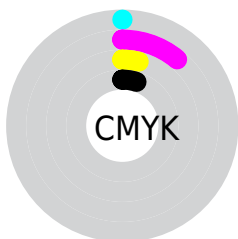
Distribution



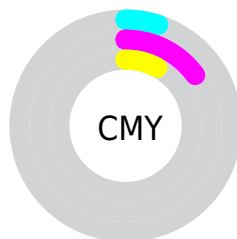
- Red (95%)
- Green (85%)
- Blue (92%)



- Red (95%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1069, 0.3201, 0.3106 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 74.1069, 0.3201, 0.3106 by changing the saturation by 10% instead.

 74.1069, 0.3201,
0.3106

 74.1069, 0.3201,
0.3106


474.8422, 0.3168,
0.3190

 54.8815, 0.3208,
0.3087


125.0473, 0.3190,
0.3135

 39.3069, 0.3218,
0.3064


157.5312, 0.3185,
0.3146

 26.9985, 0.3229,
0.3035


195.2033, 0.3181,
0.3156

 17.5721, 0.3244,
0.2998

238.4482, 0.3178,
0.3164

 10.6432, 0.3264,
0.2948

287.6501, 0.3175,
0.3172

 5.8275, 0.3292,
0.2877

343.1935, 0.3172,

 2.7405, 0.3334,

0.3178

0.2769

405.4627, 0.3170,
0.3184

0.9978, 0.3406,
0.2585

0.0000, 0.4341,
0.0000

74.1069, 0.3201,
0.3106

74.1069, 0.3201,
0.3106

62.1088, 0.3280,
0.2933

87.9743, 0.3134,
0.3272

51.8897, 0.3373,
0.2757

97.4957, 0.3081,
0.3336

43.3658, 0.3480,
0.2585

97.7988, 0.3054,
0.3290

36.4431, 0.3602,
0.2424

■ 31.0183, 0.3735,
0.2286

■ 26.9758, 0.3878,
0.2182

■ 24.1831, 0.4026,
0.2122

■ 22.4815, 0.4173,
0.2112

■ 21.6600, 0.4300,
0.2142

Harmonies

Analogous

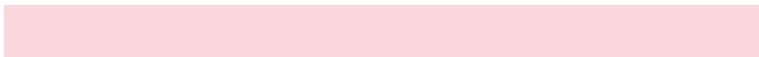
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1069, 0.3037, 0.3032



74.1069, 0.3201, 0.3106



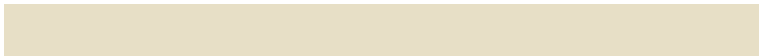
74.1069, 0.3348, 0.3227

Triad

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



74.1069, 0.3201, 0.3106



74.1069, 0.3354, 0.3565



74.1069, 0.2829, 0.3201

Complementary

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



74.1069, 0.3201, 0.3106



84.1517, 0.3060, 0.3481

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.



74.1069, 0.2909, 0.3350



74.1069, 0.3201, 0.3106



74.1069, 0.3211, 0.3565

Square

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



74.1069, 0.3201, 0.3106



74.1069, 0.3437, 0.3490



74.1069, 0.3048, 0.3485



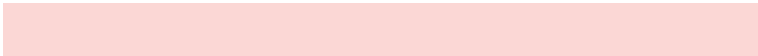
74.1069, 0.2826, 0.3082

Rectangle

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



74.1069, 0.3201, 0.3106



74.1069, 0.3415, 0.3320



74.1069, 0.3048, 0.3485



74.1069, 0.2848, 0.3250

Sweetspot

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



74.1101, 0.3201, 0.3106



95.0522, 0.3146, 0.3241



71.5926, 0.3013, 0.3005



20.0691, 0.3151, 0.3228



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

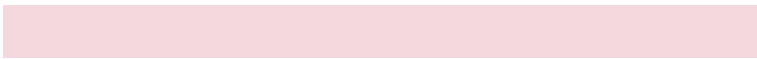
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1101, 0.3201, 0.3106



79.9497, 0.3215, 0.3073



73.3642, 0.3294, 0.3244



16.6686, 0.3189, 0.3134



11.9114, 0.4278, 0.2130



1.0659, 0.4109, 0.2037

Inverse Universe

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



74.1101, 0.3201, 0.3106



79.9497, 0.3215, 0.3073



84.9174, 0.2982, 0.3337



16.6686, 0.3189, 0.3134



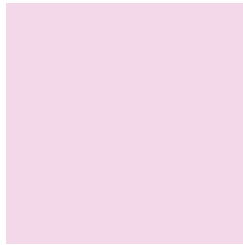
11.9114, 0.4278, 0.2130



1.0659, 0.4109, 0.2037

Previews

White Background



This preview shows how the Yxy color 74.1069, 0.3201, 0.3106 looks on a white background.

Color Contrast Check

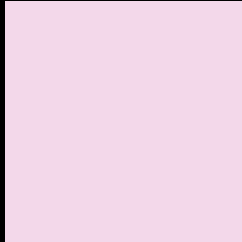
Large Text (above 18pt) WCAG AA × Fail

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 74.1069, 0.3201, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

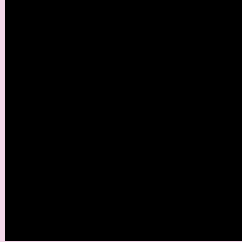
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1069, 0.3201, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 74.1069, 0.3201, 0.3106.



This preview shows how white text looks on a background with the Yxy color 74.1069, 0.3201, 0.3106.

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

74.1069, 0.3201, 0.3106

Protanopia

74.1036, 0.3031, 0.3120

Deuteranopia

74.2670, 0.3186, 0.3115



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

74.1069, 0.3201, 0.3106

Protanomaly

74.1238, 0.3086, 0.3112

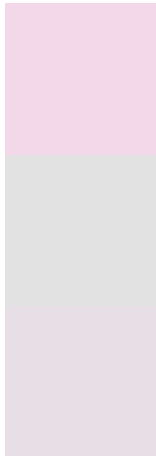
Deuteranomaly

74.4435, 0.3193, 0.3116

Tritanomaly

74.0496, 0.3208, 0.3116

Monochromacy



Original Color

74.1069, 0.3201, 0.3106

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.0555, 0.3152, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1069, 0.3201, 0.3106 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(243, 216, 234)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 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(243, 216, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.1069, 0.3201, 0.3106 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(243, 216, 234) }
```

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

```
.border{ border-color:rgb(243, 216, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1069, 0.3201, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 234) }
```

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

```
.background{ background-color: rgb(243,  
216, 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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