

Converting Colors

Yxy(71.8881, 0.3099, 0.2895)

Have a look what the booklet for
Yxy(71.8881, 0.3099, 0.2895)
contains.

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Color

Yxy(71.9874, 0.3102, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	F3D2F9
RGB	243, 210, 249
RGB Percent	95%, 82%, 98%
CMY	0.0471, 0.1764, 0.0234
CMYK	0.02, 0.16, 0.00, 0.02
HSL	291°, 77%, 90%
HSV	291°, 16%, 98%
XYZ	77.1081, 71.9874, 99.4798
YIQ	224.3130, 7.1490, 19.1250

Conversions

Conversions Part 2

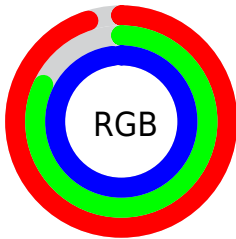
Format	Color
R_{YB}	243, 210, 249
Decimal	15979257
CIE _{Lab}	87.96, 18.21, -14.82
CIE _{LCh}	88, 23.482, 320.859
Yxy	71.9874, 0.3102, 0.2896
Android (android.graphics.Color)	4294169337 (0xFFFF3D2F9)
YUV	224.3130, 12.1707, 16.3885
Hunter-Lab	84.8454, 13.7426, -10.1248

Details

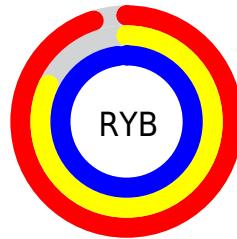
The Yxy color $71.9874, 0.3102, 0.2896$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.0325, 0.3146, 0.3707$, and the grayscale version is $74.6862, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8577, 0.3094, 0.2799$ is the 20% darker color. If you saturate the color by 10%, you get $59.9560, 0.3081, 0.2634$, and if you desaturate by 10%, it is $85.9527, 0.3119, 0.3151$.

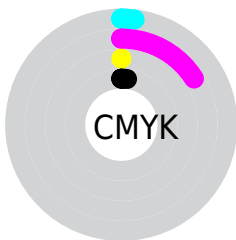
Distribution



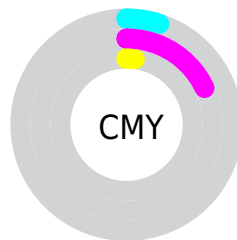
- Red (95%)
- Green (82%)
- Blue (98%)



- Red (95%)
- Yellow (82%)
- Blue (98%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)




- Cyan (5%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9874, 0.3102, 0.2896 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 71.9874, 0.3102, 0.2896 by changing the saturation by 10% instead.

 71.9874, 0.3102,
0.2896

 71.9874, 0.3102,
0.2896


467.4977, 0.3116,
0.3073

 53.1484, 0.3098,
0.2857


122.0386, 0.3107,
0.2956

 37.9212, 0.3094,
0.2809


154.0196, 0.3109,
0.2980

 25.9216, 0.3087,
0.2749


191.1500, 0.3111,
0.3001

 16.7650, 0.3078,
0.2673

233.8143, 0.3112,
0.3019

 10.0671, 0.3065,
0.2572

282.3968, 0.3113,
0.3035

 5.4434, 0.3044,
0.2432

337.2820, 0.3114,

 2.5097, 0.3007,

0.3049

0.2225

398.8542, 0.3115,
0.3062

0.8815, 0.2931,
0.1894

0.0000, 0.2255,
0.0000

71.9874, 0.3102,
0.2896

71.9874, 0.3102,
0.2896

59.9560, 0.3081,
0.2634

85.9527, 0.3119,
0.3151

49.7611, 0.3055,
0.2373

98.8158, 0.3135,
0.3347

41.3103, 0.3025,
0.2121

99.5385, 0.3159,
0.3347

34.5000, 0.2990,
0.1890

99.6216, 0.3162,
0.3347

■ 29.2152, 0.2953,
0.1690

■ 25.3259, 0.2913,
0.1530

■ 22.6806, 0.2872,
0.1415

■ 21.0916, 0.2831,
0.1344

■ 20.6102, 0.2813,
0.1323

Harmonies

Analogous

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



71.9874, 0.2835, 0.2821



71.9874, 0.3102, 0.2896



71.9874, 0.3388, 0.3064

Triad

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



71.9874, 0.3102, 0.2896



71.9874, 0.3618, 0.3713



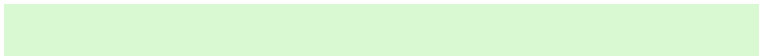
71.9874, 0.2667, 0.3262

Complementary

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



71.9874, 0.3102, 0.2896



87.0325, 0.3146, 0.3707

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.



71.9874, 0.2861, 0.3530



71.9874, 0.3102, 0.2896



71.9874, 0.3410, 0.3796

Square

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



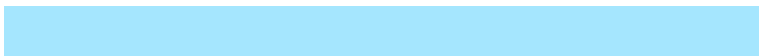
71.9874, 0.3102, 0.2896



71.9874, 0.3693, 0.3524



71.9874, 0.3132, 0.3732



71.9874, 0.2592, 0.3017

Rectangle

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



71.9874, 0.3102, 0.2896



71.9874, 0.3547, 0.3210



71.9874, 0.3132, 0.3732



71.9874, 0.2720, 0.3353

Sweetspot

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



71.9905, 0.3102, 0.2896



91.7605, 0.3120, 0.3167



69.9182, 0.2875, 0.2940



19.4019, 0.3119, 0.3150



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.



71.9905, 0.3102, 0.2896



71.4921, 0.3095, 0.2809



72.2998, 0.3235, 0.3027



17.3804, 0.3113, 0.3055



11.0800, 0.2820, 0.1327



1.0617, 0.2869, 0.1354

Inverse Universe

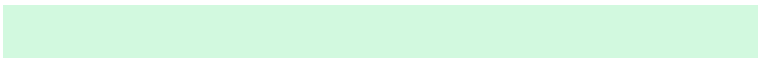
The Inverse Universe completely reimagines the original color for something new.



71.2028, 0.3379, 0.3228



70.5258, 0.3445, 0.3215



86.8032, 0.3033, 0.3568



17.2690, 0.3270, 0.3254



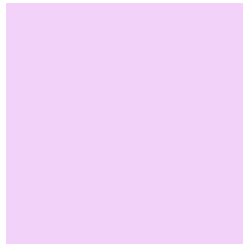
10.8704, 0.6186, 0.3181



1.0192, 0.5898, 0.3023

Previews

White Background



This preview shows how the Yxy color 71.9874, 0.3102, 0.2896 looks on a white background.

Color Contrast Check

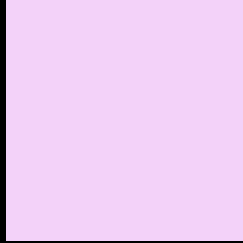
Large Text (above 18pt) WCAG AA × Fail

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 71.9874, 0.3102, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

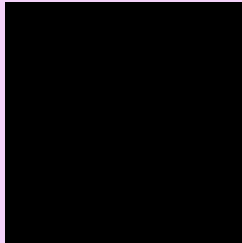
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

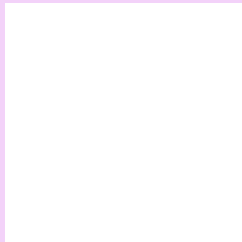
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9874, 0.3102, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 71.9874, 0.3102, 0.2896.



This preview shows how white text looks on a background with the Yxy color 71.9874, 0.3102, 0.2896.

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

71.9874, 0.3102, 0.2896

Protanopia

72.1792, 0.2866, 0.2909

Deuteranopia

72.0362, 0.3009, 0.2947



Tritanopia

71.8269, 0.3209, 0.3114

Trichromacy



Original Color

71.9874, 0.3102, 0.2896

Protanomaly

72.2111, 0.2951, 0.2905

Deuteranomaly

71.8582, 0.3044, 0.2930

Tritanomaly

71.9022, 0.3168, 0.3033

Monochromacy



Original Color

71.9874, 0.3102, 0.2896

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.5352, 0.3120, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9874, 0.3102, 0.2896 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, 210, 249)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 249)  
}
```

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, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 249) }
```

Border

The CSS property to change the border of an element to Yxy 71.9874, 0.3102, 0.2896 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, 210, 249) }
```

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

```
.border{ border-color:rgb(243, 210, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9874, 0.3102, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 210, 249) }
```

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

```
.background{ background-color: rgb(243,  
210, 249) }
```

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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