

Converting Colors

$Yxy(71.7624, 0.3146, 0.2974)$

Have a look what the booklet for
Yxy(71.7624, 0.3146, 0.2974)
contains.

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Color

Yxy(71.8766, 0.3142, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	F2D3F2
RGB	242, 211, 242
RGB Percent	95%, 83%, 95%
CMY	0.0510, 0.1725, 0.0510
CMYK	0.00, 0.13, 0.00, 0.05
HSL	300°, 54%, 89%
HSV	300°, 13%, 95%
XYZ	75.9369, 71.8766, 93.8698
YIQ	223.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

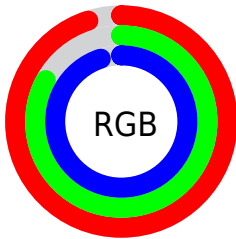
Format	Color
R _Y B	242, 211, 242
Decimal	15913970
CIE Lab	87.91, 16.07, -11.20
CIE LCh	88, 19.585, 325.135
Yxy	71.8766, 0.3142, 0.2974
Android (android.graphics.Color)	4294104050 (0xFFFF2D3F2)
YUV	223.8030, 8.9711, 15.9588
Hunter-Lab	84.7801, 11.5160, -6.3007

Details

The Yxy color **71.8766, 0.3142, 0.2974** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.0556, 0.3111, 0.3628**, and the grayscale version is **74.3250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7612, 0.3146, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **60.7465, 0.3154, 0.2722**, and if you desaturate by 10%, it is **84.8229, 0.3130, 0.3222**.

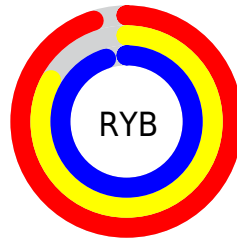
Distribution



Red (95%)

Green (83%)

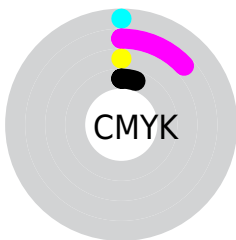
Blue (95%)



Red (95%)

Yellow (83%)

Blue (95%)

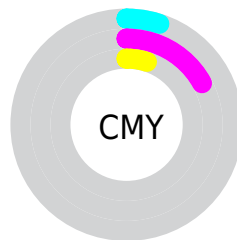


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (5%)


Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8766, 0.3142, 0.2974 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 71.8766, 0.3142, 0.2974 by changing the saturation by 10% instead.


 71.8766, 0.3142,
0.2974

 71.8766, 0.3142,
0.2974


467.1120, 0.3137,
0.3117

 53.0579, 0.3143,
0.2942

121.8811, 0.3140,
0.3023

 37.8490, 0.3144,
0.2903

153.8356, 0.3140,
0.3042

 25.8655, 0.3145,
0.2854

190.9375, 0.3139,
0.3059

 16.7230, 0.3145,
0.2792

233.5713, 0.3139,
0.3073

 10.0372, 0.3145,
0.2708

282.1212, 0.3138,
0.3086

 5.4236, 0.3144,
0.2590

336.9717, 0.3138,

 2.4979, 0.3138,

0.3098

0.2415

398.5071, 0.3137,
0.3108

0.8756, 0.3119,
0.2125

0.0000, 0.2451,
0.0000

71.8766, 0.3142,
0.2974

71.8766, 0.3142,
0.2974

60.7465, 0.3154,
0.2722

84.8229, 0.3130,
0.3222

51.3426, 0.3165,
0.2475

96.8071, 0.3121,
0.3418

43.5814, 0.3176,
0.2240


96.8072, 0.3121,
0.3418

37.3687, 0.3186,
0.2029

96.8073, 0.3121,
0.3418

 32.6006, 0.3195,
0.1850

 96.8074, 0.3121,
0.3418

 29.1608, 0.3201,
0.1710


 96.8075, 0.3121,
0.3418


 26.9148, 0.3206,
0.1614

 96.8076, 0.3121,
0.3418

 25.7000, 0.3208,
0.1560

 96.8077, 0.3121,
0.3418

 25.2861, 0.3209,
0.1542

 96.8078, 0.3121,
0.3418

Harmonies

Analogous

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



71.8766, 0.2912, 0.2899



71.8766, 0.3142, 0.2974



71.8766, 0.3376, 0.3125

Triad

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



71.8766, 0.3142, 0.2974



71.8766, 0.3519, 0.3661



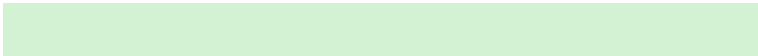
71.8766, 0.2725, 0.3237

Complementary

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



71.8766, 0.3142, 0.2974



82.0556, 0.3111, 0.3628

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.



71.8766, 0.2877, 0.3460



71.8766, 0.3142, 0.2974



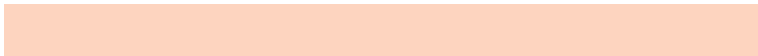
71.8766, 0.3334, 0.3711

Square

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



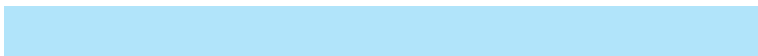
71.8766, 0.3142, 0.2974



71.8766, 0.3598, 0.3515



71.8766, 0.3099, 0.3638



71.8766, 0.2678, 0.3040

Rectangle

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



71.8766, 0.3142, 0.2974



71.8766, 0.3500, 0.3253



71.8766, 0.3099, 0.3638



71.8766, 0.2765, 0.3311

Sweetspot

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



71.8797, 0.3142, 0.2974



93.6638, 0.3132, 0.3192



66.8535, 0.2923, 0.2952



19.8010, 0.3133, 0.3174



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.



71.8797, 0.3142, 0.2974



77.9768, 0.3145, 0.2918



70.9879, 0.3250, 0.3130



16.0314, 0.3138, 0.3057



13.5845, 0.3209, 0.1542



1.1301, 0.3209, 0.1542

Inverse Universe

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



71.8797, 0.3142, 0.2974



77.9768, 0.3145, 0.2918



82.8705, 0.3020, 0.3456



16.0314, 0.3138, 0.3057



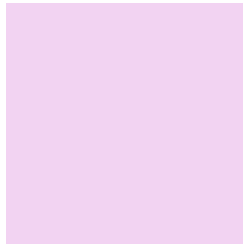
13.5845, 0.3209, 0.1542



1.1301, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 71.8766, 0.3142, 0.2974 looks on a white background.

Color Contrast Check

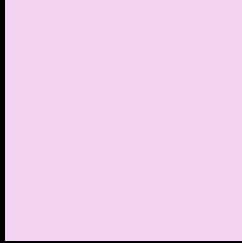
Large Text (above 18pt) WCAG AA × Fail

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 71.8766, 0.3142, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

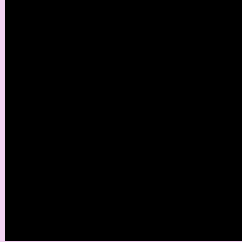
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8766, 0.3142, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 71.8766, 0.3142, 0.2974.



This preview shows how white text looks on a background with the Yxy color 71.8766, 0.3142, 0.2974.

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

71.8766, 0.3142, 0.2974

Protanopia

72.1301, 0.2934, 0.2992

Deuteranopia

71.5998, 0.3076, 0.3009



Tritanopia

71.8269, 0.3209, 0.3114

Trichromacy



Original Color

71.8766, 0.3142, 0.2974

Protanomaly

71.8731, 0.3008, 0.2986

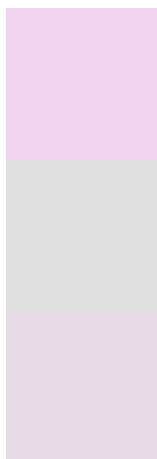
Deuteranomaly

71.7722, 0.3105, 0.3001

Tritanomaly

71.7283, 0.3189, 0.3063

Monochromacy



Original Color

71.8766, 0.3142, 0.2974

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4215, 0.3133, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8766, 0.3142, 0.2974 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(242, 211, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 242)  
}
```

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(242, 211, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 242) }
```

Border

The CSS property to change the border of an element to Yxy 71.8766, 0.3142, 0.2974 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(242, 211, 242) }
```

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

```
.border{ border-color:rgb(242, 211, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8766, 0.3142, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 242) }
```

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

```
.background{ background-color: rgb(242,  
211, 242) }
```

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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