

Converting Colors

Yxy(87.1653, 0.2444, 0.1909)

Have a look what the booklet for
Yxy(87.1653, 0.2444, 0.1909)
contains.

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Color

Yxy(75.3778, 0.3140, 0.2870)

Conversions

Conversions Part 1

Format	Color
Hex	FED4FF
RGB	254, 212, 255
RGB Percent	100%, 83%, 100%
CMY	0.0038, 0.1686, 0.0001
CMYK	0.00, 0.17, 0.00, 0.00
HSL	299°, 100%, 92%
HSV	299°, 17%, 100%
XYZ	82.4691, 75.3778, 104.7935
YIQ	229.4600, 11.2290, 22.2770

Conversions

Conversions Part 2

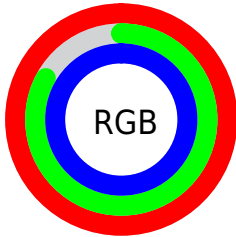
Format	Color
RYP	254, 212, 255
Decimal	16700671
CIELab	89.57, 21.85, -15.45
CIElCh	90, 26.760, 324.742
Yxy	75.3778, 0.3140, 0.2870
Android (android.graphics.Color)	4294890751 (0xFFFD4FF)
YUV	229.4600, 12.5912, 21.5216
Hunter-Lab	86.8204, 17.6182, -10.7897

Details

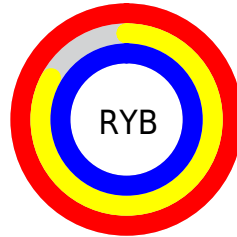
The Yxy color **75.3778, 0.3140, 0.2870** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.4019, 0.3112, 0.3747**, and the grayscale version is **78.6131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0615, 0.3142, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **63.5163, 0.3147, 0.2617**, and if you desaturate by 10%, it is **89.2591, 0.3132, 0.3122**.

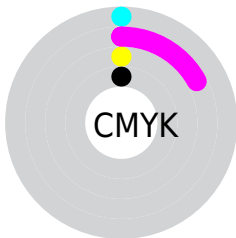
Distribution



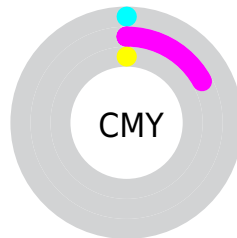
- Red (100%)
- Green (83%)
- Blue (100%)



- Red (100%)
- Yellow (83%)
- Blue (100%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3778, 0.3140, 0.2870 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 75.3778, 0.3140, 0.2870 by changing the saturation by 10% instead.

 75.3778, 0.3140,
0.2870

 75.3778, 0.3140,
0.2870


479.2151, 0.3137,
0.3056

 55.9225, 0.3140,
0.2829

126.8470, 0.3139,
0.2933

 40.1408, 0.3140,
0.2780

159.6297, 0.3139,
0.2958

 27.6483, 0.3139,
0.2718

197.6235, 0.3139,
0.2980

 18.0607, 0.3138,
0.2640

241.2130, 0.3138,
0.2999

 10.9936, 0.3135,
0.2538

290.7825, 0.3138,
0.3016

 6.0625, 0.3128,
0.2398

346.7165, 0.3138,

 2.8831, 0.3113,

0.3031

0.2196

409.3992, 0.3137,
0.3044

■ 1.0710, 0.3076,
0.1881

■ 0.0000, 0.3216,
0.0000

■ 75.3778, 0.3140,
0.2870

■ 75.3778, 0.3140,
0.2870

■ 63.5163, 0.3147,
0.2617

■ 89.2591, 0.3132,
0.3122

■ 53.5706, 0.3153,
0.2370

99.9988, 0.3127,
0.3290

■ 45.4421, 0.3158,
0.2140

■ 39.0197, 0.3161,
0.1937

■ 34.1801, 0.3162,
0.1769

■ 30.7833, 0.3161,
0.1642

■ 28.6651, 0.3158,
0.1560

■ 27.6175, 0.3154,
0.1518

■ 27.4105, 0.3152,
0.1510

Harmonies

Analogous

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



75.3778, 0.2834, 0.2771



75.3778, 0.3140, 0.2870



75.3778, 0.3457, 0.3067

Triad

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



75.3778, 0.3140, 0.2870



75.3778, 0.3654, 0.3783



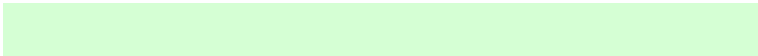
75.3778, 0.2593, 0.3217

Complementary

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



75.3778, 0.3140, 0.2870



90.4019, 0.3112, 0.3747

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.



75.3778, 0.2794, 0.3523



75.3778, 0.3140, 0.2870



75.3778, 0.3405, 0.3861

Square

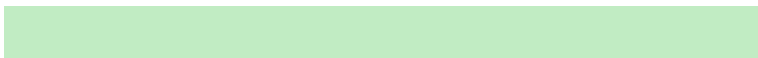
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



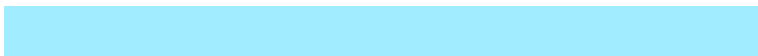
75.3778, 0.3140, 0.2870



75.3778, 0.3762, 0.3581



75.3778, 0.3089, 0.3767



75.3778, 0.2530, 0.2953

Rectangle

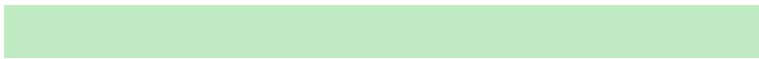
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3778, 0.3140, 0.2870



75.3778, 0.3627, 0.3233



75.3778, 0.3089, 0.3767



75.3778, 0.2646, 0.3319

Sweetspot

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



75.3811, 0.3140, 0.2870



92.0792, 0.3131, 0.3168



69.0231, 0.2851, 0.2848



19.4796, 0.3132, 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.



75.3811, 0.3140, 0.2870



71.4502, 0.3142, 0.2790



74.3377, 0.3285, 0.3062



18.2785, 0.3135, 0.3056



14.3344, 0.3153, 0.1511



1.4020, 0.3160, 0.1515

Inverse Universe

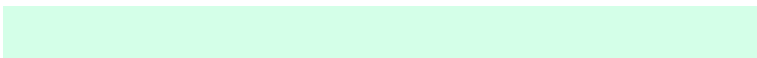
The Inverse Universe completely reimagines the original color for something new.



73.1461, 0.3444, 0.3281



68.8603, 0.3518, 0.3279



91.3347, 0.2994, 0.3530



17.9936, 0.3291, 0.3285



11.1182, 0.6378, 0.3287



1.0847, 0.6324, 0.3258

Previews

White Background



This preview shows how the Yxy color 75.3778, 0.3140, 0.2870 looks on a white background.

Color Contrast Check

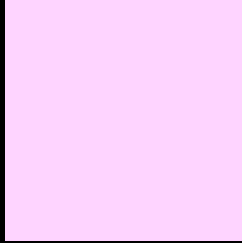
Large Text (above 18pt) WCAG AA × Fail

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 75.3778, 0.3140, 0.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

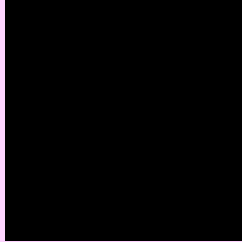
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3778, 0.3140, 0.2870

Background



This preview shows how black text looks on a background with the Yxy color 75.3778, 0.3140, 0.2870.

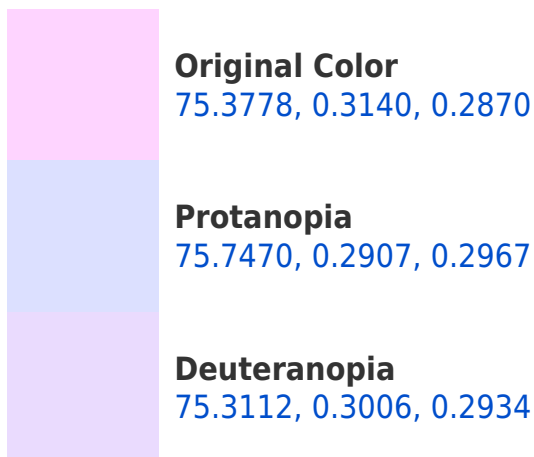


This preview shows how white text looks on a background with the Yxy color 75.3778, 0.3140, 0.2870.

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





Tritanopia

75.5042, 0.3266, 0.3119

Trichromacy



Original Color

75.3778, 0.3140, 0.2870

Protanomaly

75.5622, 0.2986, 0.2933

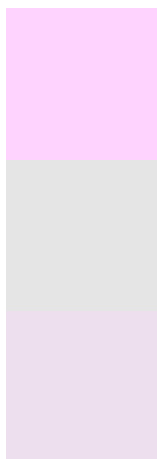
Deuteranomaly

74.9683, 0.3054, 0.2908

Tritanomaly

75.6472, 0.3219, 0.3031

Monochromacy



Original Color

75.3778, 0.3140, 0.2870

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.1255, 0.3134, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3778, 0.3140, 0.2870 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(254, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 255)  
}
```

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(254, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.3778, 0.3140, 0.2870 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(254, 212, 255) }
```

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

```
.border{ border-color:rgb(254, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3778, 0.3140, 0.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 255) }
```

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

```
.background{ background-color: rgb(254,  
212, 255) }
```

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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