

Converting Colors

Yxy(78.9606, 0.2815, 0.2413)

Have a look what the booklet for
Yxy(78.9606, 0.2815, 0.2413)
contains.

Yxy(74.8794, 0.3140, 0.2860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.8794, 0.3140, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	FED3FF
RGB	254, 211, 255
RGB Percent	100%, 83%, 100%
CMY	0.0040, 0.1725, 0.0000
CMYK	0.00, 0.17, 0.00, 0.00
HSL	299°, 100%, 91%
HSV	299°, 17%, 100%
XYZ	82.2103, 74.8794, 104.7264
YIQ	228.8730, 11.5040, 22.8000

Conversions

Conversions Part 2

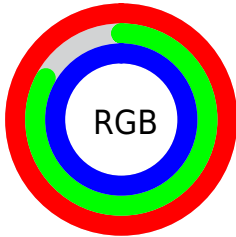
Format	Color
R _Y B	254, 211, 255
Decimal	16700415
CIE Lab	89.34, 22.36, -15.81
CIE LCh	89, 27.381, 324.738
Yxy	74.8794, 0.3140, 0.2860
Android (android.graphics.Color)	4294890495 (0xFF FED3FF)
YUV	228.8730, 12.8806, 22.0364
Hunter-Lab	86.5329, 18.1507, -11.1827

Details

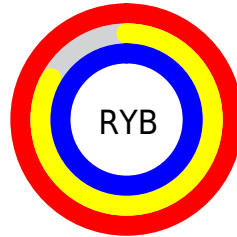
The Yxy color $74.8794, 0.3140, 0.2860$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.2264, 0.3111, 0.3759$, and the grayscale version is $78.1544, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.7245, 0.3142, 0.2767$ is the 20% darker color. If you saturate the color by 10%, you get $63.0887, 0.3147, 0.2607$, and if you desaturate by 10%, it is $88.6866, 0.3133, 0.3112$.

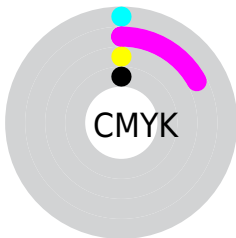
Distribution



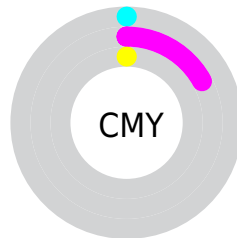
- Red (100%)
- Green (83%)
- Blue (100%)



- 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 74.8794, 0.3140, 0.2860 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 74.8794, 0.3140, 0.2860 by changing the saturation by 10% instead.


 74.8794, 0.3140,
0.2860

 74.8794, 0.3140,
0.2860


477.5030, 0.3137,
0.3051

 55.5141, 0.3140,
0.2818

126.1416, 0.3139,
0.2925

 39.8135, 0.3140,
0.2768


158.8074, 0.3139,
0.2950

 27.3931, 0.3139,
0.2705


196.6753, 0.3139,
0.2973

 17.8687, 0.3137,
0.2625

240.1300, 0.3138,
0.2992

 10.8558, 0.3134,
0.2520

289.5556, 0.3138,
0.3009

 5.9699, 0.3126,
0.2377

345.3368, 0.3138,

 2.8268, 0.3110,

0.3025

0.2170

407.8577, 0.3137,
0.3039

■ 1.0420, 0.3071,
0.1848

■ 0.0000, 0.3168,
0.0000

■ 74.8794, 0.3140,
0.2860

■ 74.8794, 0.3140,
0.2860

■ 63.0887, 0.3147,
0.2607

■ 88.6866, 0.3133,
0.3112

■ 53.2103, 0.3152,
0.2361

100.0000, 0.3127,
0.3290

■ 45.1454, 0.3157,
0.2131

■ 38.7822, 0.3160,
0.1929

■ 33.9970, 0.3160,
0.1762

■ 30.6490, 0.3159,
0.1637

■ 28.5726, 0.3156,
0.1556

■ 27.5546, 0.3152,
0.1516

■ 27.3723, 0.3150,
0.1509

Harmonies

Analogous

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



74.8794, 0.2826, 0.2759



74.8794, 0.3140, 0.2860



74.8794, 0.3466, 0.3061

Triad

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



74.8794, 0.3140, 0.2860



74.8794, 0.3668, 0.3795



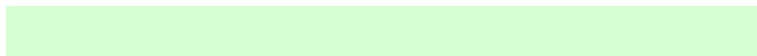
74.8794, 0.2580, 0.3215

Complementary

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



74.8794, 0.3140, 0.2860



90.2264, 0.3111, 0.3759

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.



74.8794, 0.2786, 0.3529



74.8794, 0.3140, 0.2860



74.8794, 0.3412, 0.3875

Square

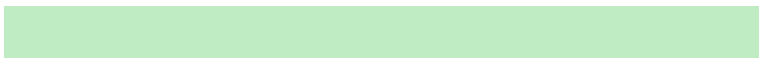
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



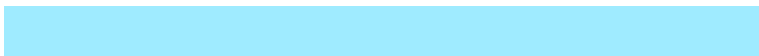
74.8794, 0.3140, 0.2860



74.8794, 0.3779, 0.3588



74.8794, 0.3088, 0.3780



74.8794, 0.2516, 0.2944

Rectangle

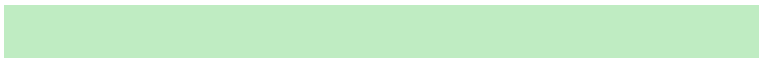
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8794, 0.3140, 0.2860



74.8794, 0.3640, 0.3231



74.8794, 0.3088, 0.3780



74.8794, 0.2634, 0.3319

Sweetspot

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



74.8826, 0.3140, 0.2860



92.0770, 0.3131, 0.3168



68.3993, 0.2844, 0.2836



19.4791, 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.



74.8826, 0.3140, 0.2860



70.2279, 0.3143, 0.2765



73.8240, 0.3290, 0.3056



18.2776, 0.3134, 0.3056



14.3124, 0.3151, 0.1510



1.4001, 0.3158, 0.1513

Inverse Universe

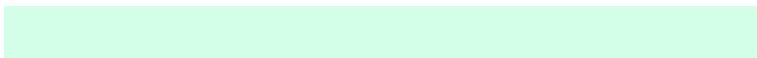
The Inverse Universe completely reimagines the original color for something new.



72.6116, 0.3453, 0.3281



67.5407, 0.3542, 0.3278



91.1710, 0.2991, 0.3536



17.9939, 0.3291, 0.3285



11.1186, 0.6377, 0.3287



1.0849, 0.6321, 0.3256

Previews

White Background



This preview shows how the Yxy color 74.8794, 0.3140, 0.2860 looks on a white background.

Color Contrast Check

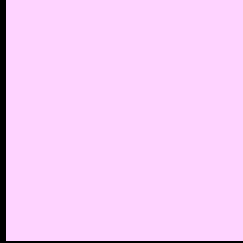
Large Text (above 18pt) WCAG AA × Fail

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 74.8794, 0.3140, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

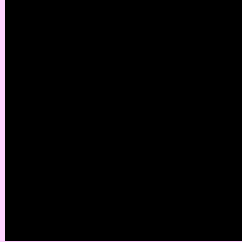
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8794, 0.3140, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 74.8794, 0.3140, 0.2860.



This preview shows how white text looks on a background with the Yxy color 74.8794, 0.3140, 0.2860.

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

74.8794, 0.3140, 0.2860

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

75.0785, 0.3005, 0.2943



Tritanopia

74.9363, 0.3274, 0.3119

Trichromacy



Original Color

74.8794, 0.3140, 0.2860

Protanomaly

75.0388, 0.2986, 0.2923

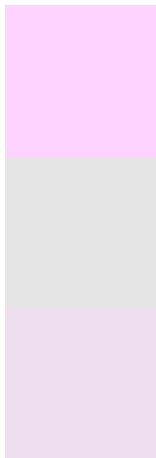
Deuteranomaly

74.9683, 0.3054, 0.2908

Tritanomaly

75.0799, 0.3226, 0.3031

Monochromacy



Original Color

74.8794, 0.3140, 0.2860

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

76.5927, 0.3135, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8794, 0.3140, 0.2860 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.8794, 0.3140, 0.2860 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, 211, 255) }
```

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

```
.border{ border-color:rgb(254, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8794, 0.3140, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 255) }
```

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

```
.background{ background-color: rgb(254,  
211, 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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