

Converting Colors

$Y_{xy}(74.1074, 0.3040, 0.2896)$

Have a look what the booklet for
Yxy(74.1074, 0.3040, 0.2896)
contains.

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Color

Yxy(74.1074, 0.3040, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	EFD7FE
RGB	239, 215, 254
RGB Percent	94%, 84%, 100%
CMY	0.0627, 0.1569, 0.0038
CMYK	0.06, 0.15, 0.00, 0.00
HSL	277°, 95%, 92%
HSV	277°, 15%, 100%
XYZ	77.7923, 74.1074, 103.9960
YIQ	226.6220, 1.7850, 17.2170

Conversions

Conversions Part 2

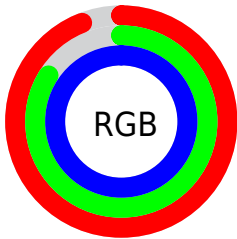
Format	Color
R _Y B	239, 215, 254
Decimal	15718398
CIE Lab	88.97, 15.23, -15.97
CIE LCh	89, 22.072, 313.638
Yxy	74.1074, 0.3040, 0.2896
Android (android.graphics.Color)	4293908478 (0xFFEFD7FE)
YUV	226.6220, 13.4974, 10.8555
Hunter-Lab	86.0857, 10.6537, -11.3655

Details

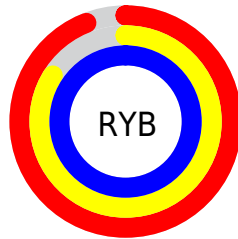
The Yxy color $74.1074, 0.3040, 0.2896$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92.6370, 0.3202, 0.3692$, and the grayscale version is $76.4300, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.2401, 0.3021, 0.2811$ is the 20% darker color. If you saturate the color by 10%, you get $60.5061, 0.2970, 0.2620$, and if you desaturate by 10%, it is $89.8156, 0.3099, 0.3157$.

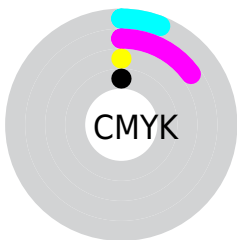
Distribution



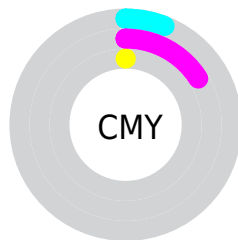
- Red (94%)
- Green (84%)
- Blue (100%)



- Red (94%)
- Yellow (84%)
- Blue (100%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1074, 0.3040, 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 74.1074, 0.3040, 0.2896 by changing the saturation by 10% instead.


 74.1074, 0.3040,
0.2896

 74.1074, 0.3040,
0.2896


474.8440, 0.3082,
0.3073

 54.8819, 0.3030,
0.2857


125.0480, 0.3055,
0.2956

 39.3072, 0.3018,
0.2810


157.5320, 0.3061,
0.2980

 26.9988, 0.3002,
0.2750


195.2043, 0.3065,
0.3000

 17.5723, 0.2980,
0.2675

238.4493, 0.3070,
0.3018

 10.6434, 0.2951,
0.2575

287.6513, 0.3073,
0.3034

 5.8276, 0.2907,
0.2438

343.1949, 0.3077,

 2.7405, 0.2837,

0.3048

0.2236

405.4643, 0.3079,
0.3061

0.9978, 0.2709,
0.1916

0.0000, 0.2098,
0.0000

74.1074, 0.3040,
0.2896

74.1074, 0.3040,
0.2896

60.5061, 0.2970,
0.2620

89.8156, 0.3099,
0.3157

48.9085, 0.2890,
0.2334

99.9378, 0.3133,
0.3299

39.2166, 0.2800,
0.2050

31.3202, 0.2702,
0.1777

■ 25.0976, 0.2598,
0.1529

■ 20.4115, 0.2493,
0.1320

■ 17.1017, 0.2389,
0.1159

■ 14.9709, 0.2292,
0.1050

■ 14.2519, 0.2249,
0.1012

Harmonies

Analogous

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



74.1074, 0.2805, 0.2851



74.1074, 0.3040, 0.2896



74.1074, 0.3309, 0.3035

Triad

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



74.1074, 0.3040, 0.2896



74.1074, 0.3614, 0.3650



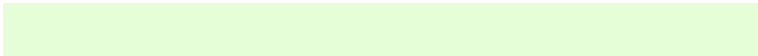
74.1074, 0.2732, 0.3325

Complementary

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



74.1074, 0.3040, 0.2896



92.6370, 0.3202, 0.3692

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.



74.1074, 0.2936, 0.3567



74.1074, 0.3040, 0.2896



74.1074, 0.3446, 0.3754

Square

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



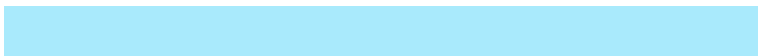
74.1074, 0.3040, 0.2896



74.1074, 0.3648, 0.3459



74.1074, 0.3197, 0.3727



74.1074, 0.2633, 0.3086

Rectangle

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



74.1074, 0.3040, 0.2896



74.1074, 0.3469, 0.3165



74.1074, 0.3197, 0.3727



74.1074, 0.2790, 0.3410

Sweetspot

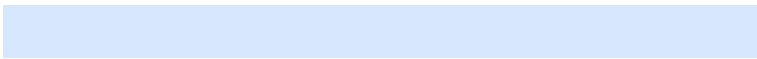
The Sweet Spot groups the original color and five complimentary colors.



74.1106, 0.3040, 0.2896



91.2143, 0.3101, 0.3167



78.5398, 0.2884, 0.3045



19.2689, 0.3097, 0.3149



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.



74.1106, 0.3040, 0.2896



70.9321, 0.3023, 0.2824



76.5875, 0.3171, 0.2945



17.9309, 0.3076, 0.3051



7.5992, 0.2263, 0.1020



0.8029, 0.2369, 0.1079

Inverse Universe

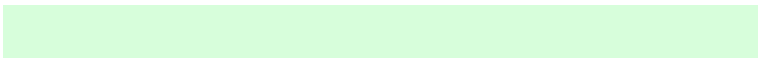
The Inverse Universe completely reimagines the original color for something new.



75.3917, 0.3310, 0.3140



72.4431, 0.3347, 0.3113



90.4604, 0.3086, 0.3661



18.1028, 0.3233, 0.3199



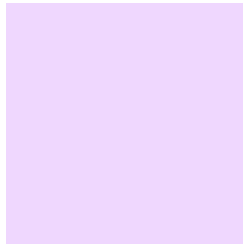
11.5979, 0.5445, 0.2773



1.1498, 0.5139, 0.2605

Previews

White Background



This preview shows how the Yxy color 74.1074, 0.3040, 0.2896 looks on a white background.

Color Contrast Check

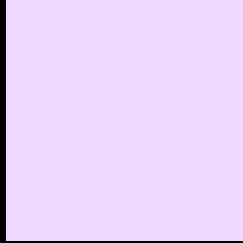
Large Text (above 18pt) WCAG AA × Fail

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 74.1074, 0.3040, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

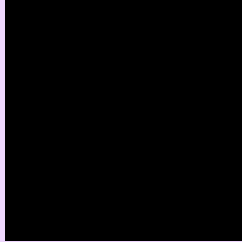
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

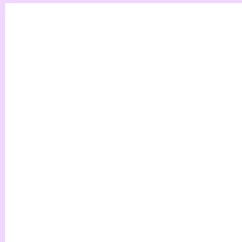
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1074, 0.3040, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 74.1074, 0.3040, 0.2896.

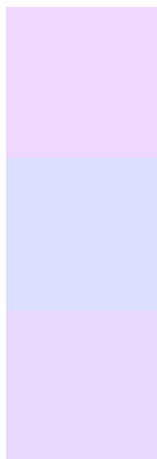


This preview shows how white text looks on a background with the Yxy color 74.1074, 0.3040, 0.2896.

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

74.1074, 0.3040, 0.2896

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.2236, 0.2991, 0.2931



Tritanopia

73.9738, 0.3143, 0.3114

Trichromacy



Original Color

74.1074, 0.3040, 0.2896

Protanomaly

74.0518, 0.2946, 0.2918

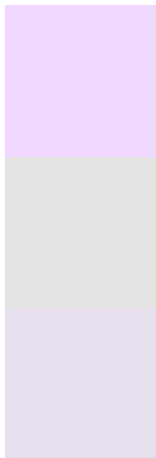
Deuteranomaly

74.2100, 0.3012, 0.2923

Tritanomaly

74.0410, 0.3104, 0.3033

Monochromacy



Original Color

74.1074, 0.3040, 0.2896

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8787, 0.3092, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1074, 0.3040, 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(239, 215, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 254)  
}
```

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(239, 215, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 254) }
```

Border

The CSS property to change the border of an element to Yxy 74.1074, 0.3040, 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(239, 215, 254) }
```

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

```
.border{ border-color:rgb(239, 215, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 215, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 215, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 215, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 215,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1074, 0.3040, 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(239, 215, 254) }
```

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

```
.background{ background-color: rgb(239,  
215, 254) }
```

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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