

Converting Colors

$Y_{xy}(74.1779, 0.3132, 0.2992)$

Have a look what the booklet for
Yxy(74.1779, 0.3132, 0.2992)
contains.

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Color

Yxy(74.1872, 0.3134, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	F3D7F4
RGB	243, 215, 244
RGB Percent	95%, 84%, 96%
CMY	0.0469, 0.1569, 0.0431
CMYK	0.00, 0.12, 0.00, 0.04
HSL	298°, 57%, 90%
HSV	298°, 12%, 96%
XYZ	77.6044, 74.1872, 95.8293
YIQ	226.6780, 7.3790, 14.9550

Conversions

Conversions Part 2

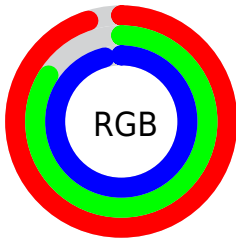
Format	Color
R _Y B	243, 215, 244
Decimal	15980532
CIE Lab	89.01, 14.69, -10.61
CIE LCh	89, 18.124, 324.161
Yxy	74.1872, 0.3134, 0.2996
Android (android.graphics.Color)	4294170612 (0xFFFF3D7F4)
YUV	226.6780, 8.5397, 14.3144
Hunter-Lab	86.1320, 10.0964, -5.6728

Details

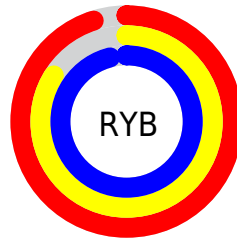
The Yxy color $74.1872, 0.3134, 0.2996$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $84.2100, 0.3119, 0.3601$, and the grayscale version is $76.5083, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.3372, 0.3135, 0.2926$ is the 20% darker color. If you saturate the color by 10%, you get $62.5318, 0.3139, 0.2743$, and if you desaturate by 10%, it is $87.7029, 0.3128, 0.3244$.

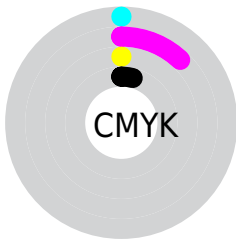
Distribution



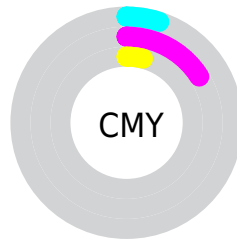
- Red (95%)
- Green (84%)
- Blue (96%)



- Red (95%)
- Yellow (84%)
- Blue (96%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)





- Cyan (5%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1872, 0.3134, 0.2996 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 74.1872, 0.3134, 0.2996 by changing the saturation by 10% instead.


 74.1872, 0.3134,
0.2996

 74.1872, 0.3134,
0.2996


475.1192, 0.3132,
0.3129

 54.9473, 0.3134,
0.2967

125.1611, 0.3134,
0.3041

 39.3595, 0.3134,
0.2931

157.6639, 0.3133,
0.3059

 27.0395, 0.3134,
0.2886


195.3565, 0.3133,
0.3075

 17.6029, 0.3133,
0.2828

238.6232, 0.3133,
0.3088

 10.6653, 0.3132,
0.2751

287.8484, 0.3133,
0.3100

 5.8422, 0.3128,
0.2644

343.4165, 0.3133,

 2.7494, 0.3120,

0.3111

0.2484

405.7120, 0.3132,
0.3120

■ 1.0023, 0.3098,
0.2222

■ 0.0000, 0.2902,
0.0000

■ 74.1872, 0.3134,
0.2996

■ 74.1872, 0.3134,
0.2996

■ 62.5318, 0.3139,
0.2743

■ 87.7029, 0.3128,
0.3244

■ 52.6455, 0.3143,
0.2491

■ 97.4074, 0.3126,
0.3397

■ 44.4434, 0.3145,
0.2251

■ 97.5545, 0.3131,
0.3397

■ 37.8302, 0.3146,
0.2031

■ 97.7023, 0.3136,
0.3397

32.7011, 0.3145,
0.1842

97.8507, 0.3142,
0.3397

28.9385, 0.3142,
0.1692

97.9998, 0.3147,
0.3397

26.4072, 0.3137,
0.1585

98.1495, 0.3152,
0.3397

24.9443, 0.3130,
0.1521

98.2999, 0.3157,
0.3396

24.3384, 0.3124,
0.1495

98.4509, 0.3162,
0.3396

Harmonies

Analogous

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



74.1872, 0.2924, 0.2930



74.1872, 0.3134, 0.2996



74.1872, 0.3349, 0.3134

Triad

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



74.1872, 0.3134, 0.2996



74.1872, 0.3490, 0.3627



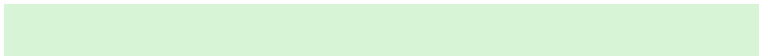
74.1872, 0.2761, 0.3249

Complementary

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



74.1872, 0.3134, 0.2996



84.2100, 0.3119, 0.3601

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.



74.1872, 0.2904, 0.3452



74.1872, 0.3134, 0.2996



74.1872, 0.3324, 0.3675

Square

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



74.1872, 0.3134, 0.2996



74.1872, 0.3558, 0.3492



74.1872, 0.3109, 0.3611



74.1872, 0.2714, 0.3066

Rectangle

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



74.1872, 0.3134, 0.2996



74.1872, 0.3464, 0.3251



74.1872, 0.3109, 0.3611



74.1872, 0.2800, 0.3317

Sweetspot

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



74.1904, 0.3134, 0.2996



93.5991, 0.3130, 0.3192



70.3157, 0.2939, 0.2994



19.7846, 0.3130, 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.



74.1904, 0.3134, 0.2996



79.0736, 0.3135, 0.2942



73.5982, 0.3230, 0.3127



16.7383, 0.3133, 0.3057



13.2445, 0.3126, 0.1496



1.1728, 0.3137, 0.1502

Inverse Universe

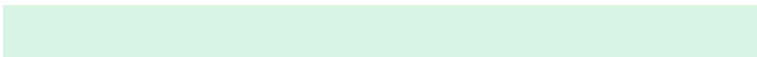
The Inverse Universe completely reimagines the original color for something new.



72.7872, 0.3335, 0.3281



77.2733, 0.3379, 0.3279



84.7609, 0.3036, 0.3459



16.4915, 0.3288, 0.3283



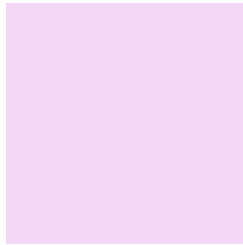
10.4716, 0.6366, 0.3280



0.9235, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 74.1872, 0.3134, 0.2996 looks on a white background.

Color Contrast Check

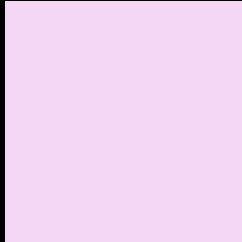
Large Text (above 18pt) WCAG AA × Fail

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 74.1872, 0.3134, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

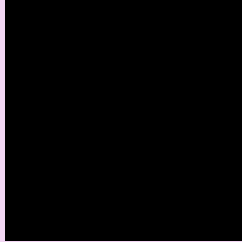
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1872, 0.3134, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 74.1872, 0.3134, 0.2996.

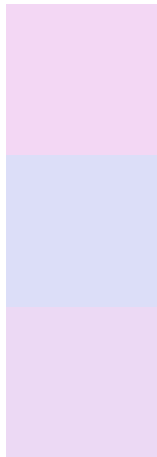


This preview shows how white text looks on a background with the Yxy color 74.1872, 0.3134, 0.2996.

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

74.1872, 0.3134, 0.2996

Protanopia

74.2355, 0.2949, 0.3016

Deuteranopia

73.9902, 0.3084, 0.3013



Tritanopia

74.4435, 0.3193, 0.3116

Trichromacy



Original Color

74.1872, 0.3134, 0.2996

Protanomaly

73.8724, 0.3009, 0.2999

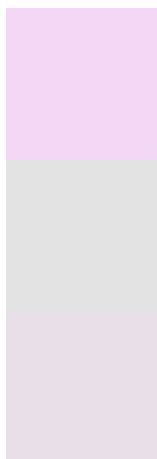
Deuteranomaly

73.9941, 0.3105, 0.3004

Tritanomaly

74.1620, 0.3166, 0.3065

Monochromacy



Original Color

74.1872, 0.3134, 0.2996

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9822, 0.3132, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1872, 0.3134, 0.2996 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, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(243, 215, 244)  
}
```

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, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 215, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.1872, 0.3134, 0.2996 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, 215, 244) }
```

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

```
.border{ border-color:rgb(243, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 215,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1872, 0.3134, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 215, 244) }
```

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

```
.background{ background-color: rgb(243,  
215, 244) }
```

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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