

Converting Colors

$Y_{xy}(74.5798, 0.3120, 0.2963)$

Have a look what the booklet for
Yxy(74.5798, 0.3120, 0.2963)
contains.

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Color

Yxy(74.5494, 0.3121, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	F4D7F7
RGB	244, 215, 247
RGB Percent	96%, 84%, 97%
CMY	0.0432, 0.1568, 0.0315
CMYK	0.01, 0.13, 0.00, 0.03
HSL	294°, 67%, 91%
HSV	294°, 13%, 97%
XYZ	78.3924, 74.5494, 98.2354
YIQ	227.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

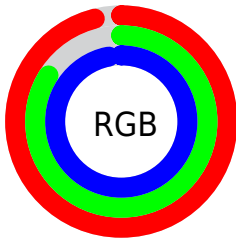
Format	Color
R_{YB}	244, 215, 247
Decimal	16046071
CIE _{Lab}	89.18, 15.53, -11.91
CIE _{LCh}	89, 19.573, 322.525
Yxy	74.5494, 0.3121, 0.2968
Android (android.graphics.Color)	4294236151 (0xFFFF4D7F7)
YUV	227.3190, 9.7027, 14.6292
Hunter-Lab	86.3420, 10.9669, -7.0177

Details

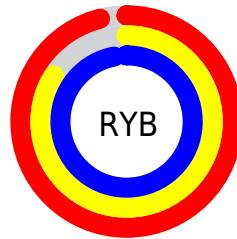
The Yxy color **74.5494, 0.3121, 0.2968** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.3205, 0.3130, 0.3630**, and the grayscale version is **76.9853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5946, 0.3118, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **62.4988, 0.3114, 0.2711**, and if you desaturate by 10%, it is **88.5102, 0.3126, 0.3218**.

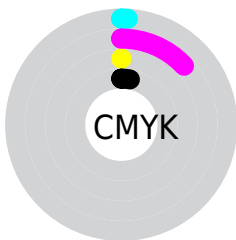
Distribution



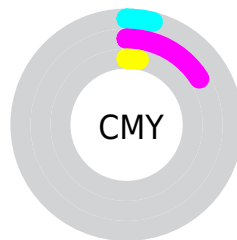
- Red (96%)
- Green (84%)
- Blue (97%)



- Red (96%)
- Yellow (84%)
- Blue (97%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)




- Cyan (4%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5494, 0.3121, 0.2968 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 74.5494, 0.3121, 0.2968 by changing the saturation by 10% instead.

 74.5494, 0.3121,
0.2968

 74.5494, 0.3121,
0.2968

476.3674, 0.3125,
0.3113

 55.2438, 0.3120,
0.2936

125.6743, 0.3123,
0.3017

 39.5970, 0.3118,
0.2897


158.2624, 0.3123,
0.3037

 27.2244, 0.3115,
0.2848


196.0469, 0.3124,
0.3054

 17.7419, 0.3111,
0.2786

239.4120, 0.3124,
0.3068

 10.7648, 0.3106,
0.2703

288.7422, 0.3125,
0.3081

 5.9089, 0.3096,
0.2587

344.4219, 0.3125,

 2.7898, 0.3078,

0.3093

0.2417

406.8355, 0.3125,
0.3103

■ 1.0230, 0.3038,
0.2140

■ 0.0000, 0.2854,
0.0000

■ 74.5494, 0.3121,
0.2968

■ 74.5494, 0.3121,
0.2968

■ 62.4988, 0.3114,
0.2711

■ 88.5102, 0.3126,
0.3218

■ 52.2640, 0.3103,
0.2455

■ 98.3016, 0.3134,
0.3368

■ 43.7569, 0.3090,
0.2208

■ 98.7272, 0.3148,
0.3367

■ 36.8783, 0.3074,
0.1981

■ 99.1579, 0.3162,
0.3367

■ 31.5190, 0.3055,
0.1783

■ 99.4941, 0.3174,
0.3367

■ 27.5562, 0.3034,
0.1625

■ 24.8483, 0.3012,
0.1510

■ 23.2234, 0.2988,
0.1439

■ 22.5479, 0.2971,
0.1410

Harmonies

Analogous

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



74.5494, 0.2897, 0.2902



74.5494, 0.3121, 0.2968



74.5494, 0.3354, 0.3112

Triad

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



74.5494, 0.3121, 0.2968



74.5494, 0.3525, 0.3647



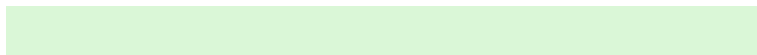
74.5494, 0.2739, 0.3257

Complementary

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



74.5494, 0.3121, 0.2968



86.3205, 0.3130, 0.3630

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.



74.5494, 0.2897, 0.3476



74.5494, 0.3121, 0.2968



74.5494, 0.3350, 0.3706

Square

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



74.5494, 0.3121, 0.2968



74.5494, 0.3593, 0.3497



74.5494, 0.3120, 0.3644



74.5494, 0.2683, 0.3057

Rectangle

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



74.5494, 0.3121, 0.2968



74.5494, 0.3482, 0.3236



74.5494, 0.3120, 0.3644



74.5494, 0.2782, 0.3331

Sweetspot

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



74.5526, 0.3121, 0.2968



93.4837, 0.3126, 0.3192



71.4135, 0.2921, 0.2983



19.7552, 0.3125, 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.



74.5526, 0.3121, 0.2968



75.9590, 0.3119, 0.2889



74.3284, 0.3229, 0.3096



16.6850, 0.3123, 0.3056



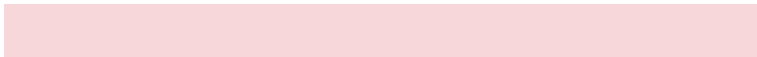
11.9608, 0.2975, 0.1413



1.0737, 0.3006, 0.1430

Inverse Universe

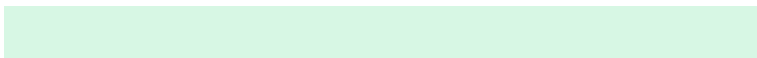
The Inverse Universe completely reimagines the original color for something new.



73.4386, 0.3343, 0.3260



74.5169, 0.3404, 0.3252



86.5477, 0.3037, 0.3493



16.5076, 0.3279, 0.3268



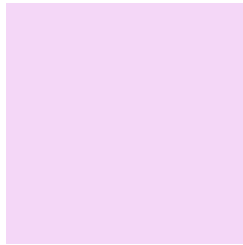
10.4996, 0.6296, 0.3242



0.9311, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 74.5494, 0.3121, 0.2968 looks on a white background.

Color Contrast Check

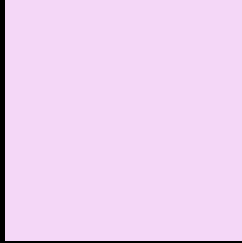
Large Text (above 18pt) WCAG AA × Fail

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 74.5494, 0.3121, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

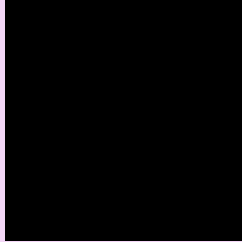
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5494, 0.3121, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 74.5494, 0.3121, 0.2968.



This preview shows how white text looks on a background with the Yxy color 74.5494, 0.3121, 0.2968.

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

74.5494, 0.3121, 0.2968

Protanopia

75.0193, 0.2925, 0.2986

Deuteranopia

74.6295, 0.3070, 0.3003



Tritanopia

74.4435, 0.3193, 0.3116

Trichromacy



Original Color

74.5494, 0.3121, 0.2968

Protanomaly

74.7465, 0.2997, 0.2980

Deuteranomaly

74.6303, 0.3092, 0.2995

Tritanomaly

74.3984, 0.3167, 0.3056

Monochromacy



Original Color

74.5494, 0.3121, 0.2968

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0395, 0.3126, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5494, 0.3121, 0.2968 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(244, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 247)  
}
```

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(244, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 247) }
```

Border

The CSS property to change the border of an element to Yxy 74.5494, 0.3121, 0.2968 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(244, 215, 247) }
```

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

```
.border{ border-color:rgb(244, 215, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5494, 0.3121, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 247) }
```

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

```
.background{ background-color: rgb(244,  
215, 247) }
```

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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