

Converting Colors

$Y_{xy}(75.1024, 0.3136, 0.2968)$

Have a look what the booklet for
Yxy(75.1024, 0.3136, 0.2968)
contains.

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Color

Yxy(74.9091, 0.3135, 0.2969)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F6D7F7 |
| RGB | 246, 215, 247 |
| RGB Percent | 96%, 84%, 97% |
| CMY | 0.0353, 0.1569, 0.0313 |
| CMYK | 0.00, 0.13, 0.00, 0.03 |
| HSL | 298°, 67%, 91% |
| HSV | 298°, 13%, 97% |
| XYZ | 79.0973, 74.9091, 98.2977 |
| YIQ | 227.9170, 8.2040, 16.5240 |

Conversions

Conversions Part 2

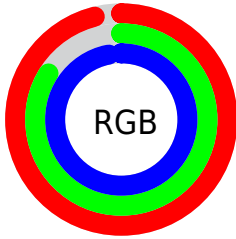
| Format | Color |
|-------------------------------------|--|
| RYB | 246, 215, 247 |
| Decimal | 16177143 |
| CIELab | 89.35, 16.21, -11.66 |
| CIElCh | 89, 19.964, 324.271 |
| Yxy | 74.9091, 0.3135, 0.2969 |
| Android (android.graphics.Color) | 4294367223 (0xFFFF6D7F7) |
| YUV | 227.9170, 9.4079, 15.8588 |
| Hunter-Lab | 86.5500, 11.6671, -6.7525 |

Details

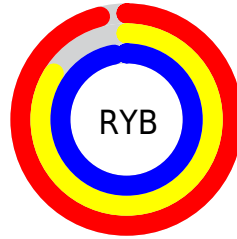
The Yxy color **74.9091, 0.3135, 0.2969** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.0392, 0.3118, 0.3632**, and the grayscale version is **77.4474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8503, 0.3136, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **63.1266, 0.3140, 0.2715**, and if you desaturate by 10%, it is **88.5979, 0.3129, 0.3218**.

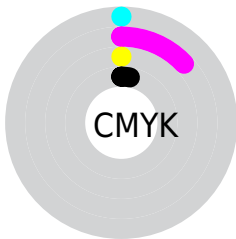
Distribution



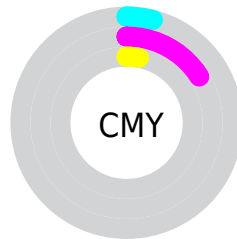
- Red (96%)
- Green (84%)
- Blue (97%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9091, 0.3135, 0.2969 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 74.9091, 0.3135, 0.2969 by changing the saturation by 10% instead.

 74.9091, 0.3135,
0.2969

 74.9091, 0.3135,
0.2969


477.6051, 0.3133,
0.3113

 55.5384, 0.3135,
0.2937


126.1837, 0.3135,
0.3018

 39.8330, 0.3135,
0.2898


158.8564, 0.3134,
0.3037

 27.4083, 0.3135,
0.2850


196.7319, 0.3134,
0.3054

 17.8801, 0.3134,
0.2788

240.1945, 0.3134,
0.3069

 10.8640, 0.3132,
0.2705

289.6288, 0.3134,
0.3082

 5.9754, 0.3128,
0.2591


345.4191, 0.3133,


 2.8301, 0.3118,


0.3093


0.2423


407.9497, 0.3133,
0.3104


 1.0437, 0.3094,
0.2149


 0.0000, 0.3076,
0.0000


 74.9091, 0.3135,
0.2969


 74.9091, 0.3135,
0.2969


 63.1266, 0.3140,
0.2715

 88.5979, 0.3129,
0.3218


 53.1557, 0.3144,
0.2465

 98.1136, 0.3127,
0.3367

 44.9085, 0.3147,
0.2226

 98.2564, 0.3132,
0.3367

 38.2857, 0.3148,
0.2010

 98.3998, 0.3137,
0.3367

33.1780, 0.3148,
0.1825

98.5437, 0.3142,
0.3367

29.4627, 0.3145,
0.1680

98.6883, 0.3146,
0.3367

26.9979, 0.3140,
0.1578

98.8334, 0.3151,
0.3367

25.6118, 0.3134,
0.1519

98.9792, 0.3156,
0.3367

25.1027, 0.3129,
0.1497

99.1255, 0.3161,
0.3367

Harmonies

Analogous

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



74.9091, 0.2905, 0.2896



74.9091, 0.3135, 0.2969



74.9091, 0.3371, 0.3119

Triad

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



74.9091, 0.3135, 0.2969



74.9091, 0.3525, 0.3660



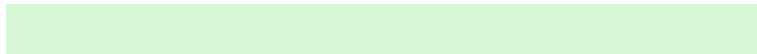
74.9091, 0.2726, 0.3243

Complementary

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



74.9091, 0.3135, 0.2969



86.0392, 0.3118, 0.3632

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.



74.9091, 0.2881, 0.3467



74.9091, 0.3135, 0.2969



74.9091, 0.3341, 0.3713

Square

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



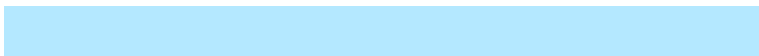
74.9091, 0.3135, 0.2969



74.9091, 0.3601, 0.3511



74.9091, 0.3105, 0.3643



74.9091, 0.2675, 0.3043

Rectangle

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



74.9091, 0.3135, 0.2969



74.9091, 0.3498, 0.3247



74.9091, 0.3105, 0.3643



74.9091, 0.2768, 0.3318

Sweetspot

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



74.9123, 0.3135, 0.2969



93.6027, 0.3130, 0.3192



70.3116, 0.2920, 0.2959



19.7855, 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.



74.9123, 0.3135, 0.2969



76.4305, 0.3137, 0.2891



74.2101, 0.3244, 0.3117



16.7400, 0.3133, 0.3057



13.2864, 0.3130, 0.1498



1.1760, 0.3141, 0.1504

Inverse Universe

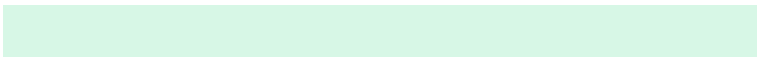
The Inverse Universe completely reimagines the original color for something new.



73.3382, 0.3357, 0.3280



74.3860, 0.3422, 0.3278



86.6889, 0.3025, 0.3470



16.4910, 0.3289, 0.3283



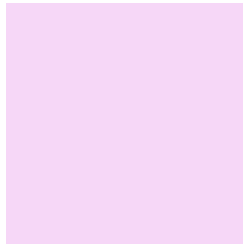
10.4708, 0.6368, 0.3282



0.9232, 0.6284, 0.3236

Previews

White Background



This preview shows how the Yxy color 74.9091, 0.3135, 0.2969 looks on a white background.

Color Contrast Check

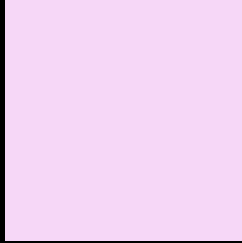
Large Text (above 18pt) WCAG AA × Fail

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 74.9091, 0.3135, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

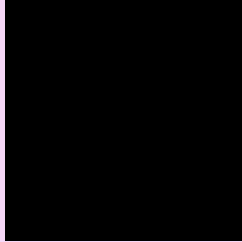
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9091, 0.3135, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 74.9091, 0.3135, 0.2969.



This preview shows how white text looks on a background with the Yxy color 74.9091, 0.3135, 0.2969.

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

74.9091, 0.3135, 0.2969

Protanopia

75.1758, 0.2932, 0.2987

Deuteranopia

74.8012, 0.3077, 0.3004



Tritanopia

74.7993, 0.3207, 0.3117

Trichromacy



Original Color

74.9091, 0.3135, 0.2969

Protanomaly

74.9115, 0.3003, 0.2981

Deuteranomaly

74.8048, 0.3099, 0.2995

Tritanomaly

74.7562, 0.3181, 0.3057

Monochromacy



Original Color

74.9091, 0.3135, 0.2969

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.4357, 0.3133, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9091, 0.3135, 0.2969 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(246, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 215, 247) }
```

Border

The CSS property to change the border of an element to Yxy 74.9091, 0.3135, 0.2969 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(246, 215, 247) }
```

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

```
.border{ border-color:rgb(246, 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(246, 215, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 215,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9091, 0.3135, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 215, 247) }
```

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

```
.background{ background-color: rgb(246,  
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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