

Converting Colors

$Y_{xy}(75.7533, 0.3144, 0.2944)$

Have a look what the booklet for
Yxy(75.7533, 0.3144, 0.2944)
contains.

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Color

Yxy(75.8270, 0.3143, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	FAD7FA
RGB	250, 215, 250
RGB Percent	98%, 84%, 98%
CMY	0.0197, 0.1568, 0.0194
CMYK	0.00, 0.14, 0.00, 0.02
HSL	300°, 78%, 91%
HSV	300°, 14%, 98%
XYZ	80.9800, 75.8270, 100.8450
YIQ	229.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

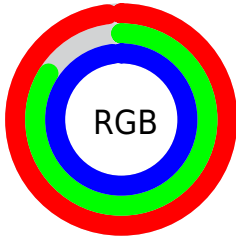
Format	Color
R _Y B	250, 215, 250
Decimal	16439290
CIE Lab	89.78, 18.06, -12.57
CIE LCh	90, 22.008, 325.154
Yxy	75.8270, 0.3143, 0.2943
Android (android.graphics.Color)	4294629370 (0xFFFAD7FA)
YUV	229.4550, 10.1287, 18.0180
Hunter-Lab	87.0787, 13.6108, -7.7081

Details

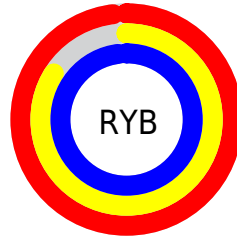
The Yxy color **75.8270, 0.3143, 0.2943** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.7625, 0.3110, 0.3663**, and the grayscale version is **78.6279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3741, 0.3138, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **64.0457, 0.3154, 0.2691**, and if you desaturate by 10%, it is **89.5609, 0.3132, 0.3192**.

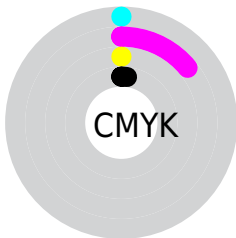
Distribution



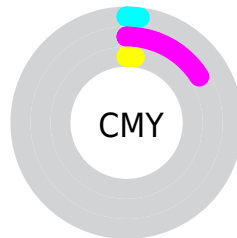
- Red (98%)
- Green (84%)
- Blue (98%)



- Red (98%)
- Yellow (84%)
- Blue (98%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8270, 0.3143, 0.2943 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 75.8270, 0.3143, 0.2943 by changing the saturation by 10% instead.


 75.8270, 0.3143,
0.2943

 75.8270, 0.3143,
0.2943

480.7553, 0.3138,
0.3098

 56.2907, 0.3144,
0.2909

127.4823, 0.3142,
0.2996

 40.4360, 0.3145,
0.2867


160.3701, 0.3141,
0.3017

 27.8787, 0.3145,
0.2816


198.4772, 0.3140,
0.3035

 18.2342, 0.3146,
0.2750

242.1879, 0.3140,
0.3050

 11.1183, 0.3145,
0.2663

291.8867, 0.3139,
0.3064

 6.1464, 0.3143,
0.2543

347.9579, 0.3139,

 2.9343, 0.3136,

0.3077

0.2367

410.7860, 0.3138,
0.3088

1.0975, 0.3116,
0.2087

0.0000, 0.3288,
0.0000

75.8270, 0.3143,
0.2943

75.8270, 0.3143,
0.2943

64.0457, 0.3154,
0.2691

89.5609, 0.3132,
0.3192

54.1191, 0.3166,
0.2444

98.7617, 0.3125,
0.3338

45.9556, 0.3176,
0.2211

98.7699, 0.3125,
0.3338

39.4521, 0.3185,
0.2003

98.7781, 0.3126,
0.3338

34.4947, 0.3193,
0.1828

98.7862, 0.3126,
0.3338

30.9551, 0.3199,
0.1693

98.7944, 0.3126,
0.3338

28.6845, 0.3203,
0.1602

98.8025, 0.3126,
0.3338

27.5012, 0.3204,
0.1554

98.8107, 0.3127,
0.3338

27.1554, 0.3205,
0.1539

98.8189, 0.3127,
0.3338

Harmonies

Analogous

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



75.8270, 0.2889, 0.2860



75.8270, 0.3143, 0.2943



75.8270, 0.3402, 0.3109

Triad

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



75.8270, 0.3143, 0.2943



75.8270, 0.3559, 0.3699



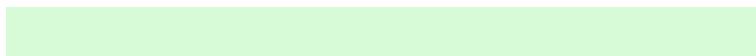
75.8270, 0.2685, 0.3230

Complementary

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



75.8270, 0.3143, 0.2943



87.7625, 0.3110, 0.3663

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.



75.8270, 0.2851, 0.3477



75.8270, 0.3143, 0.2943



75.8270, 0.3354, 0.3756

Square

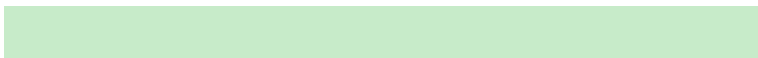
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



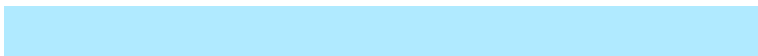
75.8270, 0.3143, 0.2943



75.8270, 0.3647, 0.3537



75.8270, 0.3095, 0.3676



75.8270, 0.2633, 0.3013

Rectangle

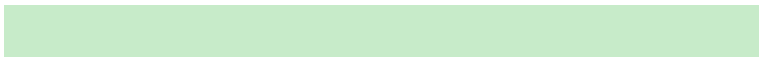
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8270, 0.3143, 0.2943



75.8270, 0.3539, 0.3248



75.8270, 0.3095, 0.3676



75.8270, 0.2729, 0.3312

Sweetspot

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



75.8303, 0.3143, 0.2943



93.6605, 0.3132, 0.3192



70.2559, 0.2901, 0.2923



19.8002, 0.3132, 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.



75.8303, 0.3143, 0.2943



75.3777, 0.3146, 0.2867



74.8263, 0.3259, 0.3108



17.5230, 0.3138, 0.3056



14.3991, 0.3205, 0.1539



1.3341, 0.3205, 0.1539

Inverse Universe

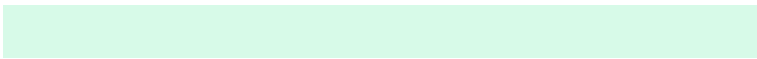
The Inverse Universe completely reimagines the original color for something new.



73.8467, 0.3387, 0.3290



72.9118, 0.3454, 0.3290



88.6693, 0.3013, 0.3480



17.2257, 0.3294, 0.3290



10.7812, 0.6399, 0.3299



0.9987, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 75.8270, 0.3143, 0.2943 looks on a white background.

Color Contrast Check

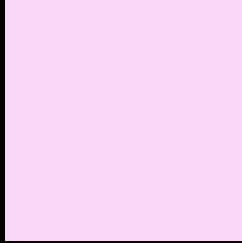
Large Text (above 18pt) WCAG AA × Fail

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 75.8270, 0.3143, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

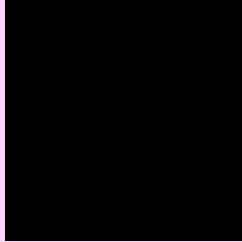
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8270, 0.3143, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 75.8270, 0.3143, 0.2943.

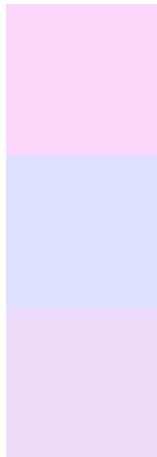


This preview shows how white text looks on a background with the Yxy color 75.8270, 0.3143, 0.2943.

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

75.8270, 0.3143, 0.2943

Protanopia

75.9035, 0.2914, 0.2968

Deuteranopia

76.0305, 0.3058, 0.2995



Tritanopia

76.0974, 0.3228, 0.3119

Trichromacy



Original Color

75.8270, 0.3143, 0.2943

Protanomaly

75.9606, 0.2998, 0.2963

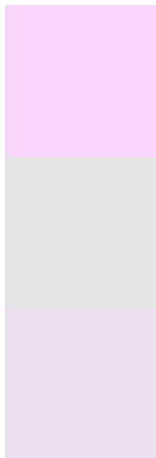
Deuteranomaly

75.8596, 0.3093, 0.2978

Tritanomaly

76.0567, 0.3202, 0.3060

Monochromacy



Original Color

75.8270, 0.3143, 0.2943

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.4303, 0.3133, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8270, 0.3143, 0.2943 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(250, 215, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 215, 250)  
}
```

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(250, 215, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 250) }
```

Border

The CSS property to change the border of an element to Yxy 75.8270, 0.3143, 0.2943 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(250, 215, 250) }
```

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

```
.border{ border-color:rgb(250, 215, 250) }
```

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

Here you see how a box with a 4 pixel rgb(250, 215, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 215, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 215, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 215,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8270, 0.3143, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 215, 250) }
```

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

```
.background{ background-color: rgb(250,  
215, 250) }
```

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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