

Converting Colors

$Y_{xy}(74.7939, 0.3224, 0.3051)$

Have a look what the booklet for
Yxy(74.7939, 0.3224, 0.3051)
contains.

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Color

Yxy(74.5902, 0.3226, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	FAD6EE
RGB	250, 214, 238
RGB Percent	98%, 84%, 93%
CMY	0.0194, 0.1609, 0.0667
CMYK	0.00, 0.14, 0.05, 0.02
HSL	320°, 79%, 91%
HSV	320°, 14%, 98%
XYZ	78.9203, 74.5902, 91.1277
YIQ	227.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

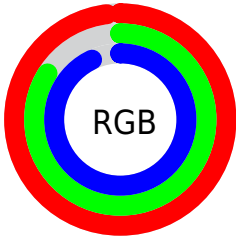
Format	Color
R _Y B	250, 214, 238
Decimal	16439022
CIE Lab	89.20, 16.50, -7.10
CIE LCh	89, 17.962, 336.726
Yxy	74.5902, 0.3226, 0.3049
Android (android.graphics.Color)	4294629102 (0xFF FAD6EE)
YUV	227.5000, 5.1765, 19.7325
Hunter-Lab	86.3656, 11.9722, -2.1033

Details

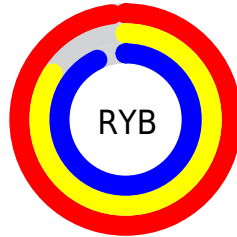
The Yxy color **74.5902, 0.3226, 0.3049** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1978, 0.3040, 0.3544**, and the grayscale version is **77.1593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5111, 0.3246, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **62.4140, 0.3310, 0.2874**, and if you desaturate by 10%, it is **88.7386, 0.3155, 0.3218**.

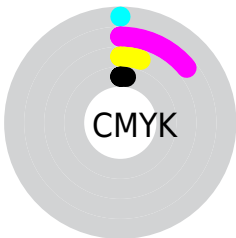
Distribution



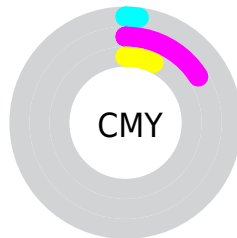
- Red (98%)
- Green (84%)
- Blue (93%)



- Red (98%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (2%)




- Cyan (2%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5902, 0.3226, 0.3049 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 74.5902, 0.3226, 0.3049 by changing the saturation by 10% instead.


 74.5902, 0.3226,
0.3049

 74.5902, 0.3226,
0.3049

476.5079, 0.3182,
0.3158

 55.2772, 0.3236,
0.3025


125.7321, 0.3211,
0.3086

 39.6237, 0.3248,
0.2995


158.3298, 0.3205,
0.3101

 27.2453, 0.3263,
0.2958


196.1246, 0.3200,
0.3114

 17.7575, 0.3282,
0.2910

239.5008, 0.3195,
0.3125

 10.7760, 0.3308,
0.2846

288.8428, 0.3191,
0.3134

 5.9164, 0.3344,
0.2757

344.5351, 0.3188,

 2.7943, 0.3398,

0.3143

0.2623

406.9620, 0.3184,
0.3151

1.0253, 0.3486,
0.2400

0.0000, 0.4435,
0.0000

74.5902, 0.3226,
0.3049

74.5902, 0.3226,
0.3049

62.4140, 0.3310,
0.2874

88.7386, 0.3155,
0.3218

52.1117, 0.3408,
0.2698

99.0578, 0.3098,
0.3293

43.5908, 0.3520,
0.2529

99.0758, 0.3097,
0.3290

36.7477, 0.3646,
0.2374

■ 31.4674, 0.3783,
0.2246

■ 27.6206, 0.3929,
0.2156

■ 25.0573, 0.4077,
0.2113

■ 23.5933, 0.4222,
0.2121

■ 23.1063, 0.4302,
0.2143

Harmonies

Analogous

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



74.5902, 0.3009, 0.2951



74.5902, 0.3226, 0.3049



74.5902, 0.3422, 0.3207

Triad

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



74.5902, 0.3226, 0.3049



74.5902, 0.3427, 0.3656



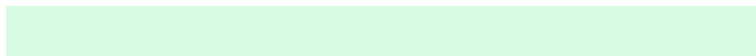
74.5902, 0.2733, 0.3168

Complementary

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



74.5902, 0.3226, 0.3049



88.1978, 0.3040, 0.3544

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.



74.5902, 0.2837, 0.3367



74.5902, 0.3226, 0.3049



74.5902, 0.3235, 0.3658

Square

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



74.5902, 0.3226, 0.3049



74.5902, 0.3539, 0.3554



74.5902, 0.3020, 0.3551



74.5902, 0.2730, 0.3012

Rectangle

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



74.5902, 0.3226, 0.3049



74.5902, 0.3511, 0.3328



74.5902, 0.3020, 0.3551



74.5902, 0.2757, 0.3232

Sweetspot

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



74.5935, 0.3226, 0.3049



93.4462, 0.3152, 0.3225



71.1610, 0.2976, 0.2914



19.7458, 0.3157, 0.3213



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

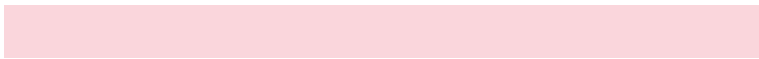
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5935, 0.3226, 0.3049



74.4937, 0.3246, 0.3004



73.5874, 0.3353, 0.3229



17.4201, 0.3189, 0.3133



12.2771, 0.4279, 0.2131



1.1568, 0.4118, 0.2042

Inverse Universe

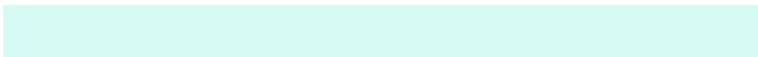
The Inverse Universe completely reimagines the original color for something new.



74.5935, 0.3226, 0.3049



74.4937, 0.3246, 0.3004



89.2391, 0.2940, 0.3352



17.4201, 0.3189, 0.3133



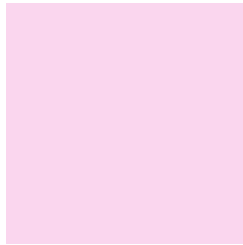
12.2771, 0.4279, 0.2131



1.1568, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 74.5902, 0.3226, 0.3049 looks on a white background.

Color Contrast Check

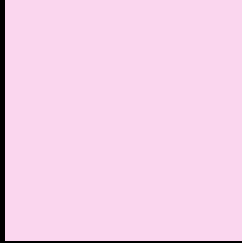
Large Text (above 18pt) WCAG AA × Fail

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 74.5902, 0.3226, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

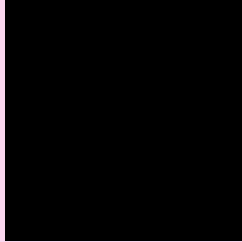
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5902, 0.3226, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 74.5902, 0.3226, 0.3049.



This preview shows how white text looks on a background with the Yxy color 74.5902, 0.3226, 0.3049.

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

74.5902, 0.3226, 0.3049

Protanopia

74.9344, 0.3000, 0.3079

Deuteranopia

74.7825, 0.3158, 0.3095



Tritanopia

74.5668, 0.3259, 0.3118

Trichromacy



Original Color

74.5902, 0.3226, 0.3049

Protanomaly

74.8609, 0.3081, 0.3073

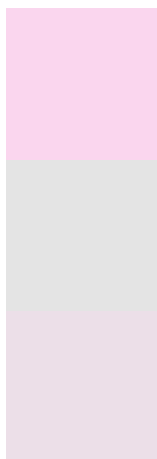
Deuteranomaly

74.9732, 0.3187, 0.3087

Tritanomaly

74.6811, 0.3245, 0.3098

Monochromacy



Original Color

74.5902, 0.3226, 0.3049

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.4344, 0.3160, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5902, 0.3226, 0.3049 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, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(250, 214, 238)  
}
```

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, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 214, 238) }
```

Border

The CSS property to change the border of an element to Yxy 74.5902, 0.3226, 0.3049 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, 214, 238) }
```

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

```
.border{ border-color:rgb(250, 214, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 214, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 214,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5902, 0.3226, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 214, 238) }
```

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

```
.background{ background-color: rgb(250,  
214, 238) }
```

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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