

Converting Colors

$Y_{xy}(74.9371, 0.3282, 0.3229)$

Have a look what the booklet for
Yxy(74.9371, 0.3282, 0.3229)
contains.

Yxy(74.9371, 0.3282, 0.3229)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.9371, 0.3282, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	F5DAE0
RGB	245, 218, 224
RGB Percent	96%, 85%, 88%
CMY	0.0394, 0.1450, 0.1216
CMYK	0.00, 0.11, 0.09, 0.04
HSL	347°, 57%, 91%
HSV	347°, 11%, 96%
XYZ	76.1671, 74.9371, 80.9711
YIQ	226.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

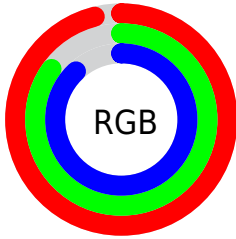
Format	Color
R _Y B	245, 218, 224
Decimal	16112352
CIE Lab	89.36, 10.27, 0.46
CIE LCh	89, 10.280, 2.583
Yxy	74.9371, 0.3282, 0.3229
Android (android.graphics.Color)	4294302432 (0xFFFF5DAE0)
YUV	226.7570, -1.3592, 15.9991
Hunter-Lab	86.5662, 5.5661, 5.1385

Details

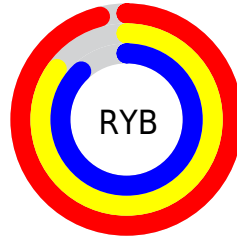
The Yxy color $74.9371, 0.3282, 0.3229$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.4098, 0.2992, 0.3352$, and the grayscale version is $76.6304, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.8778, 0.3321, 0.3211$ is the 20% darker color. If you saturate the color by 10%, you get $62.1828, 0.3458, 0.3170$, and if you desaturate by 10%, it is $89.6912, 0.3140, 0.3285$.

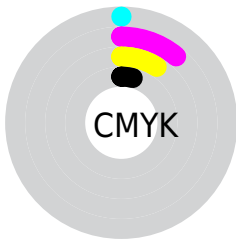
Distribution



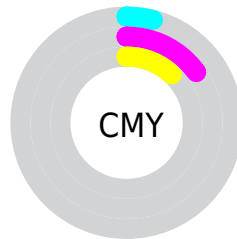
- Red (96%)
- Green (85%)
- Blue (88%)



- Red (96%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9371, 0.3282, 0.3229 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 74.9371, 0.3282, 0.3229 by changing the saturation by 10% instead.


 74.9371, 0.3282,
0.3229

 74.9371, 0.3282,
0.3229

477.7013, 0.3211,
0.3257

 55.5614, 0.3298,
0.3223


126.2233, 0.3257,
0.3239

 39.8513, 0.3318,
0.3215


158.9026, 0.3248,
0.3243

 27.4227, 0.3344,
0.3204


196.7852, 0.3239,
0.3246

 17.8909, 0.3377,
0.3191

240.2554, 0.3232,
0.3249

 10.8717, 0.3422,
0.3173

289.6978, 0.3226,
0.3251

 5.9806, 0.3487,
0.3147

345.4966, 0.3220,

 2.8333, 0.3589,

0.3254

0.3106

408.0364, 0.3215,
0.3256

■ 1.0453, 0.3772,
0.3031

■ 0.0000, 1.0000,
0.0000

■ 74.9371, 0.3282,
0.3229

■ 74.9371, 0.3282,
0.3229

■ 62.1828, 0.3458,
0.3170

■ 89.6912, 0.3140,
0.3285

■ 51.3325, 0.3675,
0.3109

■ 98.1422, 0.3065,
0.3290

■ 42.2975, 0.3940,
0.3049

■ 34.9779, 0.4257,
0.2997

■ 29.2644, 0.4623,
0.2959

■ 25.0348, 0.5025,
0.2947

■ 22.1493, 0.5429,
0.2969

■ 20.4408, 0.5793,
0.3030

■ 19.6721, 0.6052,
0.3108

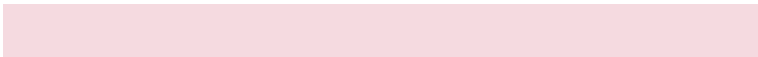
Harmonies

Analogous

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



74.9371, 0.3168, 0.3140



74.9371, 0.3282, 0.3229



74.9371, 0.3355, 0.3335

Triad

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



74.9371, 0.3282, 0.3229



74.9371, 0.3207, 0.3501



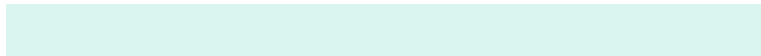
74.9371, 0.2894, 0.3142

Complementary

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



74.9371, 0.3282, 0.3229



86.4098, 0.2992, 0.3352

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.



74.9371, 0.2905, 0.3238



74.9371, 0.3282, 0.3229



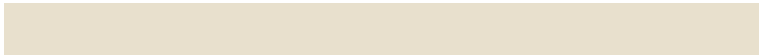
74.9371, 0.3084, 0.3448

Square

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



74.9371, 0.3282, 0.3229



74.9371, 0.3311, 0.3494



74.9371, 0.2973, 0.3351



74.9371, 0.2945, 0.3089

Rectangle

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



74.9371, 0.3282, 0.3229



74.9371, 0.3370, 0.3403



74.9371, 0.2973, 0.3351



74.9371, 0.2891, 0.3170

Sweetspot

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



74.9404, 0.3282, 0.3229



94.8384, 0.3166, 0.3274



75.0374, 0.3096, 0.3016



20.0114, 0.3177, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

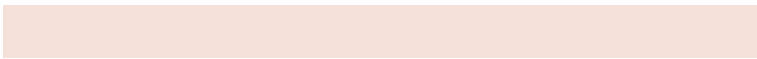
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9404, 0.3282, 0.3229



79.0918, 0.3315, 0.3217



78.4262, 0.3315, 0.3364



16.5428, 0.3259, 0.3238



10.6203, 0.6015, 0.3087



0.9483, 0.5674, 0.2899

Inverse Universe

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



74.9404, 0.3282, 0.3229



79.0918, 0.3315, 0.3217



82.5109, 0.2957, 0.3215



16.5428, 0.3259, 0.3238



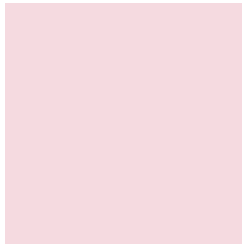
10.6203, 0.6015, 0.3087



0.9483, 0.5674, 0.2899

Previews

White Background



This preview shows how the Yxy color 74.9371, 0.3282, 0.3229 looks on a white background.

Color Contrast Check

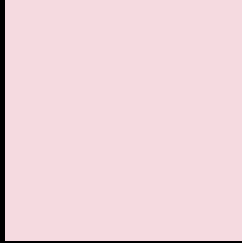
Large Text (above 18pt) WCAG AA × Fail

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 74.9371, 0.3282, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

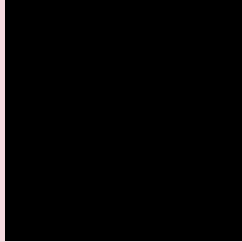
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9371, 0.3282, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 74.9371, 0.3282, 0.3229.

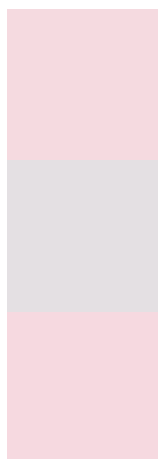


This preview shows how white text looks on a background with the Yxy color 74.9371, 0.3282, 0.3229.

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

74.9371, 0.3282, 0.3229

Protanopia

75.3513, 0.3136, 0.3258

Deuteranopia

74.6004, 0.3291, 0.3219



Tritanopia

75.1017, 0.3229, 0.3128

Trichromacy



Original Color

74.9371, 0.3282, 0.3229

Protanomaly

75.2260, 0.3186, 0.3248

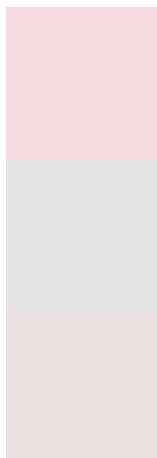
Deuteranomaly

74.6004, 0.3291, 0.3219

Tritanomaly

74.9317, 0.3249, 0.3158

Monochromacy



Original Color

74.9371, 0.3282, 0.3229

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2947, 0.3184, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9371, 0.3282, 0.3229 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(245, 218, 224)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 224)  
}
```

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(245, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 224) }
```

Border

The CSS property to change the border of an element to Yxy 74.9371, 0.3282, 0.3229 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(245, 218, 224) }
```

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

```
.border{ border-color:rgb(245, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9371, 0.3282, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 224) }
```

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

```
.background{ background-color: rgb(245,  
218, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor