

Converting Colors

$Y_{xy}(74.1919, 0.3417, 0.3416)$

Have a look what the booklet for
Yxy(74.1919, 0.3417, 0.3416)
contains.

Yxy(74.1919, 0.3417, 0.3416)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.1919, 0.3417, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	F6DACE
RGB	246, 218, 206
RGB Percent	96%, 85%, 81%
CMY	0.0353, 0.1451, 0.1923
CMYK	0.00, 0.11, 0.16, 0.04
HSL	18°, 69%, 89%
HSV	18°, 16%, 96%
XYZ	74.2136, 74.1919, 68.7839
YIQ	225.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

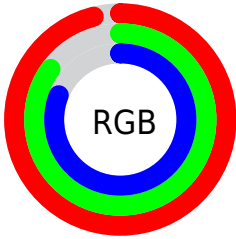
Format	Color
R _Y B	246, 223, 206
Decimal	16177870
CIE Lab	89.01, 7.77, 9.45
CIE LCh	89, 12.236, 50.551
Yxy	74.1919, 0.3417, 0.3416
Android (android.graphics.Color)	4294367950 (0xFFFF6DACE)
YUV	225.0040, -9.3690, 18.4135
Hunter-Lab	86.1347, 3.0597, 12.9476

Details

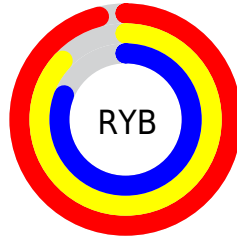
The Yxy color **74.1919, 0.3417, 0.3416** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5928, 0.2875, 0.3161**, and the grayscale version is **75.3561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2802, 0.3480, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **64.6283, 0.3640, 0.3499**, and if you desaturate by 10%, it is **84.8751, 0.3229, 0.3337**.

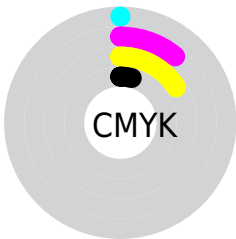
Distribution



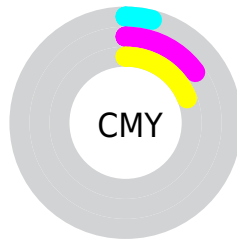
- Red (96%)
- Green (85%)
- Blue (81%)



- Red (96%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1919, 0.3417, 0.3416 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 74.1919, 0.3417, 0.3416 by changing the saturation by 10% instead.

 74.1919, 0.3417,
0.3416

 74.1919, 0.3417,
0.3416


475.1354, 0.3282,
0.3359

 54.9511, 0.3448,
0.3429

125.1678, 0.3370,
0.3397

 39.3626, 0.3486,
0.3444


157.6717, 0.3352,
0.3389

 27.0419, 0.3534,
0.3463


195.3654, 0.3336,
0.3383

 17.6047, 0.3598,
0.3487

238.6334, 0.3323,
0.3377

 10.6666, 0.3684,
0.3519

287.8600, 0.3311,
0.3372

 5.8431, 0.3810,
0.3563

343.4296, 0.3300,

 2.7499, 0.4006,

0.3367

0.3625

405.7266, 0.3291,
0.3363

■ 1.0026, 0.4512,
0.3852

■ 0.0000, 1.0000,
0.0000

■ 74.1919, 0.3417,
0.3416

■ 74.1919, 0.3417,
0.3416

■ 64.6283, 0.3640,
0.3499

■ 84.8751, 0.3229,
0.3337

■ 56.1375, 0.3902,
0.3583

■ 96.6917, 0.3072,
0.3265

■ 48.6840, 0.4205,
0.3663

■ 98.3318, 0.3072,
0.3290

■ 42.2264, 0.4547,
0.3730

■ 36.7207, 0.4915,
0.3775

■ 32.1187, 0.5287,
0.3783

■ 28.3680, 0.5629,
0.3747

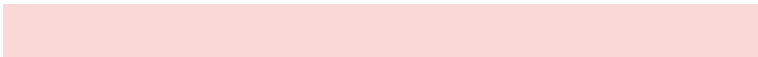
■ 25.4089, 0.5903,
0.3663

■ 24.4878, 0.5990,
0.3626

Harmonies

Analogous

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



74.1919, 0.3373, 0.3292



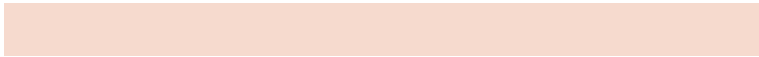
74.1919, 0.3417, 0.3416



74.1919, 0.3381, 0.3511

Triad

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



74.1919, 0.3417, 0.3416



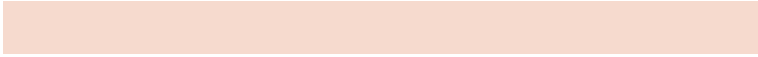
74.1919, 0.2992, 0.3414



74.1919, 0.2975, 0.3043

Complementary

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



74.1919, 0.3417, 0.3416



78.5928, 0.2875, 0.3161

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.



74.1919, 0.2878, 0.3068



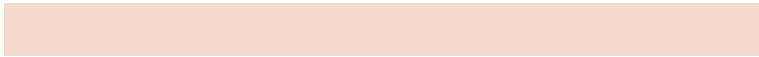
74.1919, 0.3417, 0.3416



74.1919, 0.2887, 0.3281

Square

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



74.1919, 0.3417, 0.3416



74.1919, 0.3134, 0.3513



74.1919, 0.2846, 0.3154



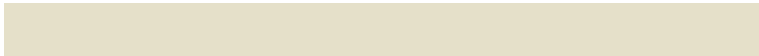
74.1919, 0.3115, 0.3080

Rectangle

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



74.1919, 0.3417, 0.3416



74.1919, 0.3318, 0.3543



74.1919, 0.2846, 0.3154



74.1919, 0.2936, 0.3044

Sweetspot

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



74.1952, 0.3417, 0.3416



93.6490, 0.3208, 0.3327



69.6617, 0.3230, 0.3004



19.8591, 0.3220, 0.3333



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.



74.1952, 0.3417, 0.3416



76.4600, 0.3497, 0.3447



85.1901, 0.3385, 0.3617



17.2950, 0.3286, 0.3362



13.2852, 0.5961, 0.3649



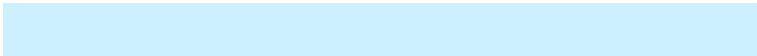
1.3402, 0.5716, 0.3843

Inverse Universe

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



78.5928, 0.2875, 0.3161



82.1779, 0.2817, 0.3128



67.8535, 0.2865, 0.2940



17.8671, 0.2980, 0.3217



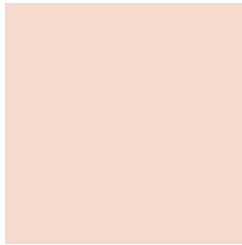
19.5597, 0.1966, 0.2278



1.8987, 0.2006, 0.2420

Previews

White Background



This preview shows how the Yxy color 74.1919, 0.3417, 0.3416 looks on a white background.

Color Contrast Check

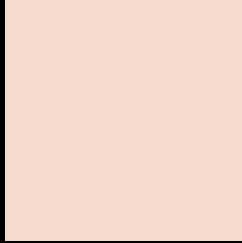
Large Text (above 18pt) WCAG AA × Fail

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 74.1919, 0.3417, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

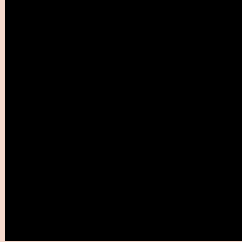
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1919, 0.3417, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 74.1919, 0.3417, 0.3416.

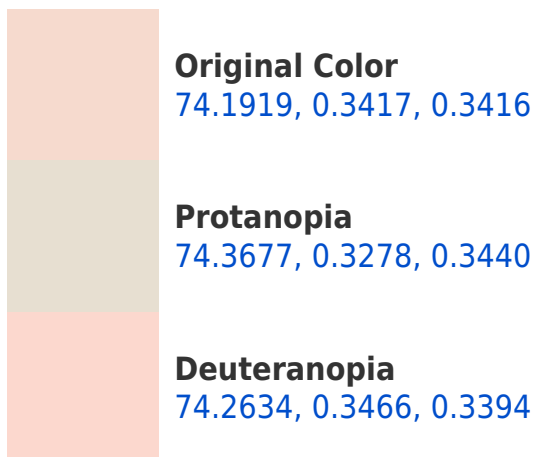


This preview shows how white text looks on a background with the Yxy color 74.1919, 0.3417, 0.3416.

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





Tritanopia

74.0024, 0.3267, 0.3118

Trichromacy



Original Color

74.1919, 0.3417, 0.3416

Protanomaly

74.0998, 0.3324, 0.3429

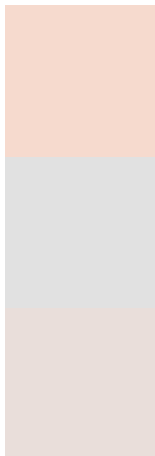
Deuteranomaly

74.4059, 0.3449, 0.3404

Tritanomaly

73.8313, 0.3322, 0.3219

Monochromacy



Original Color

74.1919, 0.3417, 0.3416

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6281, 0.3232, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1919, 0.3417, 0.3416 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, 218, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 218, 206)  
}
```

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, 218, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 218, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.1919, 0.3417, 0.3416 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, 218, 206) }
```

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

```
.border{ border-color:rgb(246, 218, 206) }
```

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

Here you see how a box with a 4 pixel rgb(246, 218, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 218, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 218, 206);  
box-shadow:4px 4px 4px 4px rgb(246, 218,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1919, 0.3417, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 218, 206) }
```

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

```
.background{ background-color: rgb(246,  
218, 206) }
```

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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