

Converting Colors

$Y_{xy}(74.2570, 0.3343, 0.3324)$

Have a look what the booklet for
Yxy(74.2570, 0.3343, 0.3324)
contains.

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Color

Yxy(74.2822, 0.3338, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	F4DAD7
RGB	244, 218, 215
RGB Percent	96%, 85%, 84%
CMY	0.0432, 0.1450, 0.1569
CMYK	0.00, 0.11, 0.12, 0.04
HSL	6°, 57%, 90%
HSV	6°, 12%, 96%
XYZ	74.6400, 74.2822, 74.6847
YIQ	225.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

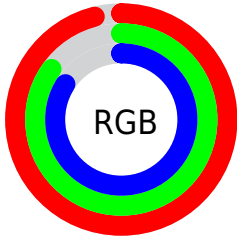
Format	Color
RYB	244, 218, 215
Decimal	16046807
CIELab	89.06, 8.47, 4.75
CIELCh	89, 9.711, 29.274
Yxy	74.2822, 0.3338, 0.3322
Android (android.graphics.Color)	4294236887 (0xFFFF4DAD7)
YUV	225.4320, -5.1430, 16.2841
Hunter-Lab	86.1871, 3.7575, 8.9538

Details

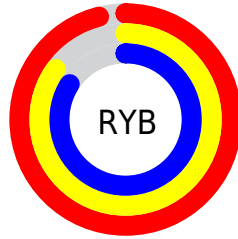
The Yxy color **74.2822, 0.3338, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.8634, 0.2944, 0.3258**, and the grayscale version is **75.6513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4238, 0.3395, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **62.5257, 0.3561, 0.3351**, and if you desaturate by 10%, it is **87.7267, 0.3157, 0.3295**.

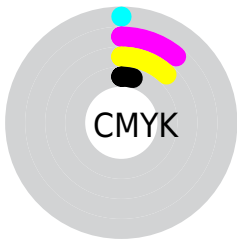
Distribution



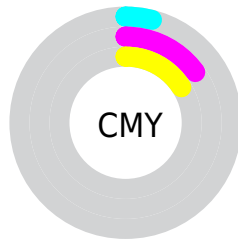
- Red (96%)
- Green (85%)
- Blue (84%)



- Red (96%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2822, 0.3338, 0.3322 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 74.2822, 0.3338, 0.3322 by changing the saturation by 10% instead.


 74.2822, 0.3338,
0.3322

 74.2822, 0.3338,
0.3322

475.4468, 0.3240,
0.3308

 55.0250, 0.3360,
0.3325


125.2958, 0.3304,
0.3317

 39.4218, 0.3388,
0.3329

157.8210, 0.3291,
0.3316

 27.0880, 0.3423,
0.3333


195.5376, 0.3280,
0.3314

 17.6393, 0.3469,
0.3338

238.8301, 0.3270,
0.3312

 10.6914, 0.3532,
0.3345

288.0829, 0.3261,
0.3311

 5.8597, 0.3624,
0.3354

343.6804, 0.3253,

 2.7600, 0.3768,

0.3310

406.0068, 0.3246,
0.3309

0.3366

1.0077, 0.4047,
0.3395

0.0000, 1.0000,
0.0000

74.2822, 0.3338,
0.3322

74.2822, 0.3338,
0.3322

62.5257, 0.3561,
0.3351

87.7267, 0.3157,
0.3295

52.3809, 0.3834,
0.3381

97.9705, 0.3060,
0.3290

43.7807, 0.4165,
0.3410

36.6490, 0.4554,
0.3434

■ 30.9036, 0.4992,
0.3450

■ 26.4540, 0.5446,
0.3450

■ 23.1988, 0.5862,
0.3430

■ 21.0215, 0.6176,
0.3390

■ 19.9452, 0.6333,
0.3354

Harmonies

Analogous

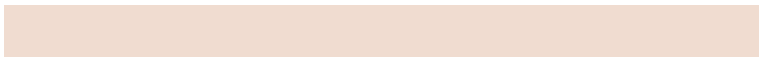
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2822, 0.3263, 0.3222



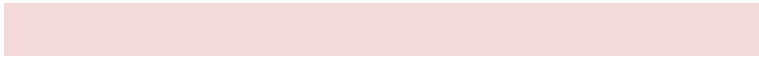
74.2822, 0.3338, 0.3322



74.2822, 0.3355, 0.3416

Triad

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



74.2822, 0.3338, 0.3322



74.2822, 0.3099, 0.3448



74.2822, 0.2946, 0.3103

Complementary

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



74.2822, 0.3338, 0.3322



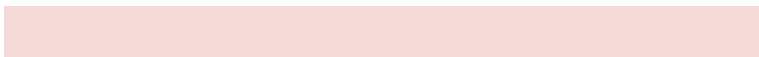
83.8634, 0.2944, 0.3258

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.



74.2822, 0.2905, 0.3159



74.2822, 0.3338, 0.3322



74.2822, 0.2991, 0.3359

Square

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



74.2822, 0.3338, 0.3322



74.2822, 0.3215, 0.3492



74.2822, 0.2921, 0.3252



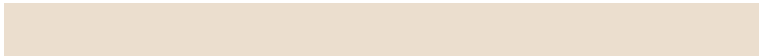
74.2822, 0.3037, 0.3096

Rectangle

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



74.2822, 0.3338, 0.3322



74.2822, 0.3331, 0.3463



74.2822, 0.2921, 0.3252



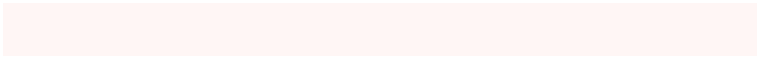
74.2822, 0.2926, 0.3116

Sweetspot

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



74.2855, 0.3338, 0.3322



93.6692, 0.3193, 0.3300



74.1812, 0.3160, 0.3025



19.8016, 0.3205, 0.3302



0.0000, 0.0000, 0.0000



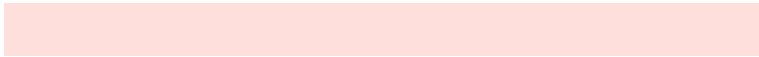
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2855, 0.3338, 0.3322



79.1784, 0.3382, 0.3328



82.0672, 0.3319, 0.3469



16.7605, 0.3291, 0.3315



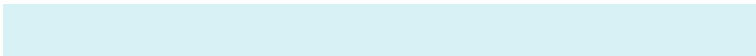
10.9379, 0.6317, 0.3366



1.0520, 0.6150, 0.3498

Inverse Universe

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



83.8634, 0.2944, 0.3258



91.4937, 0.2912, 0.3252



75.6885, 0.2941, 0.3105



18.4451, 0.2981, 0.3265



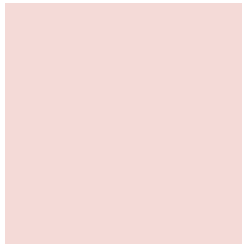
31.0912, 0.2155, 0.2959



2.8159, 0.2168, 0.3004

Previews

White Background



This preview shows how the Yxy color 74.2822, 0.3338, 0.3322 looks on a white background.

Color Contrast Check

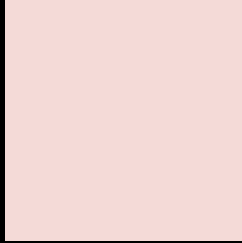
Large Text (above 18pt) WCAG AA × Fail

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 74.2822, 0.3338, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

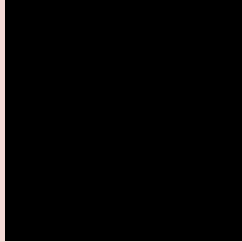
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

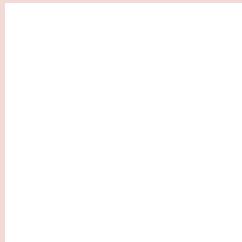
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2822, 0.3338, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 74.2822, 0.3338, 0.3322.

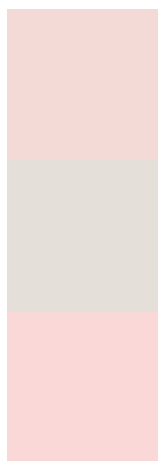


This preview shows how white text looks on a background with the Yxy color 74.2822, 0.3338, 0.3322.

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

74.2822, 0.3338, 0.3322

Protanopia

74.4953, 0.3203, 0.3344

Deuteranopia

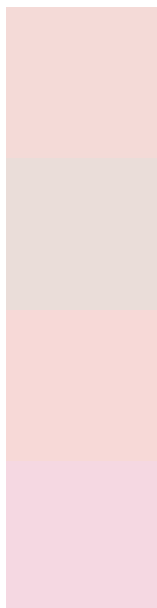
74.1578, 0.3378, 0.3301



Tritanopia

74.0199, 0.3237, 0.3117

Trichromacy



Original Color

74.2822, 0.3338, 0.3322

Protanomaly

74.2151, 0.3247, 0.3333

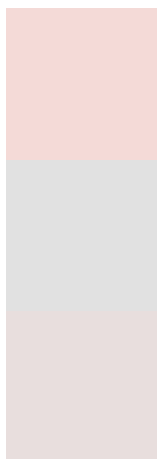
Deuteranomaly

74.3062, 0.3362, 0.3311

Tritanomaly

74.0152, 0.3271, 0.3188

Monochromacy



Original Color

74.2822, 0.3338, 0.3322

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6188, 0.3205, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2822, 0.3338, 0.3322 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(244, 218, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 218, 215)  
}
```

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(244, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 218, 215) }
```

Border

The CSS property to change the border of an element to Yxy 74.2822, 0.3338, 0.3322 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(244, 218, 215) }
```

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

```
.border{ border-color:rgb(244, 218, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 218, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 218,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2822, 0.3338, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 218, 215) }
```

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

```
.background{ background-color: rgb(244,  
218, 215) }
```

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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