

Converting Colors

$Yxy(72.9688, 0.3449, 0.3437)$

Have a look what the booklet for
Yxy(72.9688, 0.3449, 0.3437)
contains.

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Color

Yxy(72.9688, 0.3449, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	F6D8CA
RGB	246, 216, 202
RGB Percent	96%, 85%, 79%
CMY	0.0353, 0.1529, 0.2078
CMYK	0.00, 0.12, 0.18, 0.04
HSL	19°, 71%, 88%
HSV	19°, 18%, 96%
XYZ	73.2236, 72.9688, 66.1114
YIQ	223.3740, 22.3740, 2.0060

Conversions

Conversions Part 2

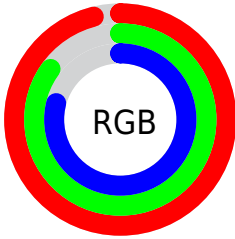
Format	Color
R _Y B	246, 223, 202
Decimal	16177354
CIE Lab	88.43, 8.22, 10.70
CIE LCh	88, 13.493, 52.470
Yxy	72.9688, 0.3449, 0.3437
Android (android.graphics.Color)	4294367434 (0xFFFF6D8CA)
YUV	223.3740, -10.5374, 19.8430
Hunter-Lab	85.4218, 3.5221, 13.9083

Details

The Yxy color **72.9688, 0.3449, 0.3437** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9318, 0.2850, 0.3138**, and the grayscale version is **74.1386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4467, 0.3524, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **63.7360, 0.3676, 0.3525**, and if you desaturate by 10%, it is **83.2715, 0.3257, 0.3353**.

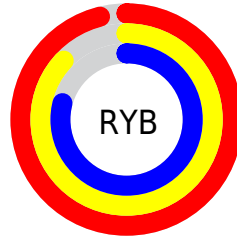
Distribution



Red (96%)

Green (85%)

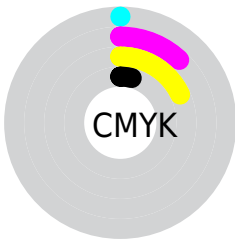
Blue (79%)



Red (96%)

Yellow (87%)

Blue (79%)

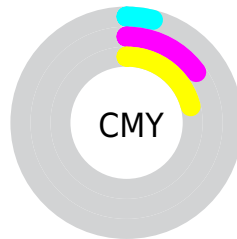


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9688, 0.3449, 0.3437 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 72.9688, 0.3449, 0.3437 by changing the saturation by 10% instead.


 72.9688, 0.3449,
0.3437

 72.9688, 0.3449,
0.3437


470.9067, 0.3299,
0.3371

 53.9505, 0.3483,
0.3452


123.4329, 0.3397,
0.3414

 38.5620, 0.3526,
0.3469


155.6475, 0.3377,
0.3406

 26.4192, 0.3580,
0.3492


193.0296, 0.3359,
0.3398

 17.1375, 0.3652,
0.3520

235.9636, 0.3344,
0.3391

 10.3326, 0.3749,
0.3557

284.8339, 0.3331,
0.3385

 5.6200, 0.3890,
0.3608

340.0249, 0.3319,

 2.6154, 0.4112,

0.3380

0.3680

401.9210, 0.3309,
0.3375

0.9344, 0.4805,
0.4035

0.0000, 1.0000,
0.0000

72.9688, 0.3449,
0.3437

72.9688, 0.3449,
0.3437

63.7360, 0.3676,
0.3525

83.2715, 0.3257,
0.3353

55.5284, 0.3941,
0.3613

94.6676, 0.3095,
0.3274

48.3122, 0.4246,
0.3696

98.3327, 0.3072,
0.3290

42.0481, 0.4586,
0.3765

■ 36.6940, 0.4949,
0.3808

■ 32.2043, 0.5311,
0.3813

■ 28.5286, 0.5638,
0.3771

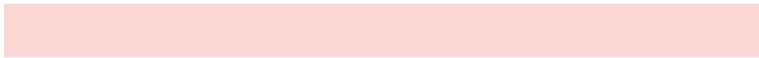
■ 25.6082, 0.5898,
0.3681

■ 25.0756, 0.5947,
0.3660

Harmonies

Analogous

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



72.9688, 0.3405, 0.3301



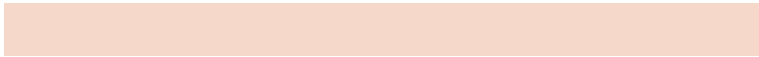
72.9688, 0.3449, 0.3437



72.9688, 0.3404, 0.3539

Triad

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



72.9688, 0.3449, 0.3437



72.9688, 0.2968, 0.3418



72.9688, 0.2967, 0.3017

Complementary

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



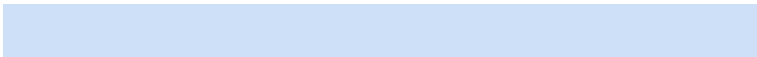
72.9688, 0.3449, 0.3437



76.9318, 0.2850, 0.3138

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.



72.9688, 0.2856, 0.3040



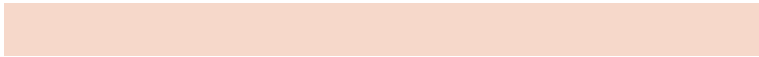
72.9688, 0.3449, 0.3437



72.9688, 0.2856, 0.3269

Square

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



72.9688, 0.3449, 0.3437



72.9688, 0.3124, 0.3533



72.9688, 0.2816, 0.3131



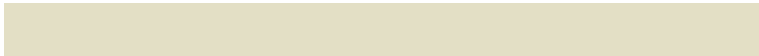
72.9688, 0.3124, 0.3063

Rectangle

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



72.9688, 0.3449, 0.3437



72.9688, 0.3330, 0.3573



72.9688, 0.2816, 0.3131



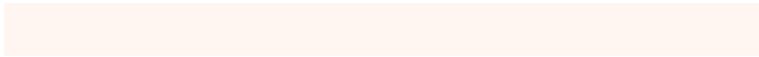
72.9688, 0.2923, 0.3017

Sweetspot

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



72.9721, 0.3449, 0.3437



93.7832, 0.3208, 0.3329



67.6717, 0.3248, 0.2982



19.8916, 0.3220, 0.3335



0.0000, 0.0000, 0.0000



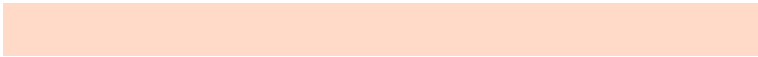
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9721, 0.3449, 0.3437



75.8912, 0.3517, 0.3465



84.9694, 0.3410, 0.3658



17.3427, 0.3286, 0.3366



13.6069, 0.5918, 0.3683



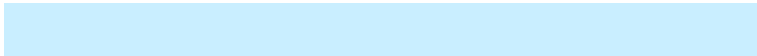
1.3733, 0.5674, 0.3877

Inverse Universe

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



76.9318, 0.2850, 0.3138



80.8307, 0.2801, 0.3109



65.3453, 0.2837, 0.2894



17.8170, 0.2980, 0.3213



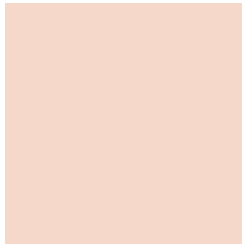
18.7161, 0.1949, 0.2216



1.8295, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 72.9688, 0.3449, 0.3437 looks on a white background.

Color Contrast Check

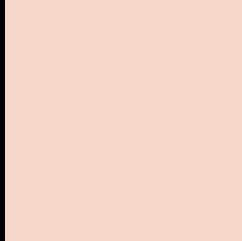
Large Text (above 18pt) WCAG AA × Fail

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 72.9688, 0.3449, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

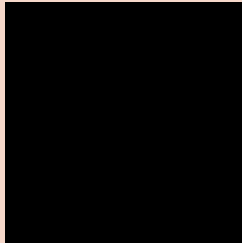
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9688, 0.3449, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 72.9688, 0.3449, 0.3437.

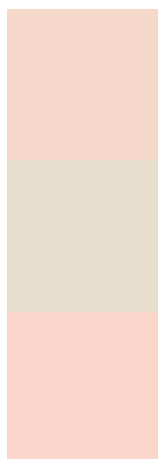


This preview shows how white text looks on a background with the Yxy color 72.9688, 0.3449, 0.3437.

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

72.9688, 0.3449, 0.3437

Protanopia

72.9437, 0.3300, 0.3463

Deuteranopia

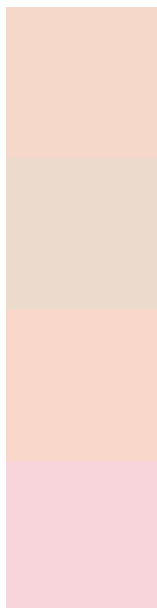
72.8666, 0.3491, 0.3415



Tritanopia

72.8838, 0.3283, 0.3118

Trichromacy



Original Color

72.9688, 0.3449, 0.3437

Protanomaly

72.8555, 0.3354, 0.3451

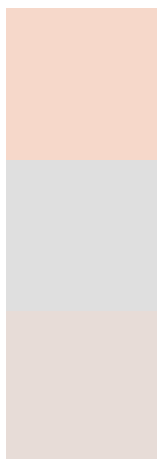
Deuteranomaly

73.0049, 0.3474, 0.3426

Tritanomaly

72.6594, 0.3346, 0.3229

Monochromacy



Original Color

72.9688, 0.3449, 0.3437

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0816, 0.3240, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9688, 0.3449, 0.3437 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, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(246, 216, 202)  
}
```

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, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 216, 202) }
```

Border

The CSS property to change the border of an element to Yxy 72.9688, 0.3449, 0.3437 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, 216, 202) }
```

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

```
.border{ border-color:rgb(246, 216, 202) }
```

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

Here you see how a box with a 4 pixel rgb(246, 216, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(246, 216,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9688, 0.3449, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 216, 202) }
```

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

```
.background{ background-color: rgb(246,  
216, 202) }
```

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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