

Converting Colors

$Y_{xy}(72.3730, 0.3429, 0.3406)$

Have a look what the booklet for
Yxy(72.3730, 0.3429, 0.3406)
contains.

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Color

Yxy(72.3730, 0.3429, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	F5D7CC
RGB	245, 215, 204
RGB Percent	96%, 84%, 80%
CMY	0.0391, 0.1569, 0.2000
CMYK	0.00, 0.12, 0.17, 0.04
HSL	16°, 67%, 88%
HSV	16°, 17%, 96%
XYZ	72.8617, 72.3730, 67.2521
YIQ	222.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

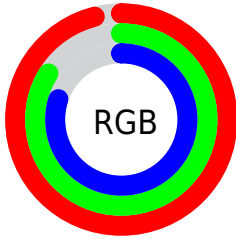
Format	Color
R _Y B	245, 219, 204
Decimal	16111564
CIE Lab	88.15, 8.69, 9.24
CIE LCh	88, 12.686, 46.752
Yxy	72.3730, 0.3429, 0.3406
Android (android.graphics.Color)	4294301644 (0xFFF5D7CC)
YUV	222.7160, -9.2270, 19.5431
Hunter-Lab	85.0723, 4.0030, 12.6802

Details

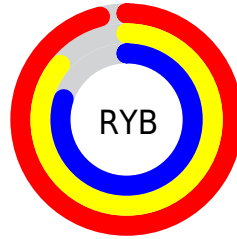
The Yxy color **72.3730, 0.3429, 0.3406** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2903, 0.2868, 0.3171**, and the grayscale version is **73.6387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0350, 0.3497, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **62.6539, 0.3657, 0.3480**, and if you desaturate by 10%, it is **83.2845, 0.3238, 0.3335**.

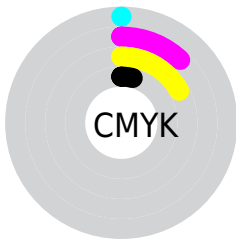
Distribution



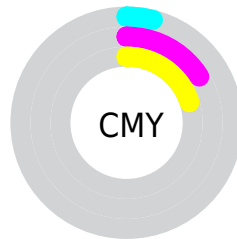
- Red (96%)
- Green (84%)
- Blue (80%)



- Red (96%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3730, 0.3429, 0.3406 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 72.3730, 0.3429, 0.3406 by changing the saturation by 10% instead.

 72.3730, 0.3429,
0.3406

 72.3730, 0.3429,
0.3406


468.8388, 0.3288,
0.3354

 53.4634, 0.3461,
0.3417


122.5867, 0.3380,
0.3388

 38.1729, 0.3502,
0.3431


154.6596, 0.3361,
0.3381

 26.1169, 0.3553,
0.3449


191.8891, 0.3345,
0.3375

 16.9111, 0.3620,
0.3471

234.6595, 0.3330,
0.3370

 10.1711, 0.3712,
0.3500

283.3553, 0.3318,
0.3365

 5.5126, 0.3847,
0.3540

338.3609, 0.3307,

 2.5510, 0.4059,

0.3361

0.3595

400.0606, 0.3297,
0.3357

0.9021, 0.4683,
0.3874

0.0000, 1.0000,
0.0000

72.3730, 0.3429,
0.3406

72.3730, 0.3429,
0.3406

62.6539, 0.3657,
0.3480

83.2845, 0.3238,
0.3335

54.0768, 0.3927,
0.3555

95.4175, 0.3078,
0.3269

46.6018, 0.4241,
0.3626

98.1572, 0.3066,
0.3290

40.1829, 0.4597,
0.3685

■ 34.7708, 0.4981,
0.3721

■ 30.3120, 0.5367,
0.3722

■ 26.7474, 0.5717,
0.3681

■ 24.0099, 0.5991,
0.3596

■ 23.2789, 0.6065,
0.3566

Harmonies

Analogous

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



72.3730, 0.3372, 0.3275



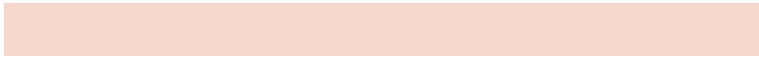
72.3730, 0.3429, 0.3406



72.3730, 0.3402, 0.3511

Triad

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



72.3730, 0.3429, 0.3406



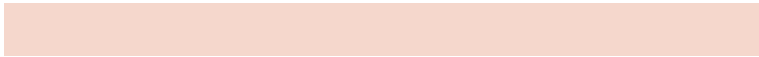
72.3730, 0.3003, 0.3435



72.3730, 0.2952, 0.3031

Complementary

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



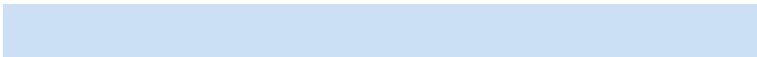
72.3730, 0.3429, 0.3406



78.2903, 0.2868, 0.3171

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.



72.3730, 0.2858, 0.3066



72.3730, 0.3429, 0.3406



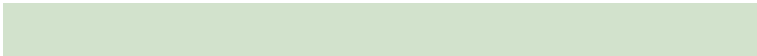
72.3730, 0.2887, 0.3298

Square

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



72.3730, 0.3429, 0.3406



72.3730, 0.3154, 0.3532



72.3730, 0.2835, 0.3163



72.3730, 0.3094, 0.3063

Rectangle

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



72.3730, 0.3429, 0.3406



72.3730, 0.3341, 0.3551



72.3730, 0.2835, 0.3163



72.3730, 0.2914, 0.3035

Sweetspot

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



72.3762, 0.3429, 0.3406



93.3961, 0.3208, 0.3323



68.5462, 0.3224, 0.2982



19.7978, 0.3220, 0.3328



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.



72.3762, 0.3429, 0.3406



75.5942, 0.3500, 0.3430



83.4526, 0.3395, 0.3613



17.2053, 0.3287, 0.3354



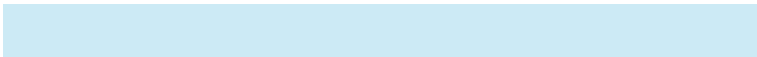
12.7318, 0.6038, 0.3588



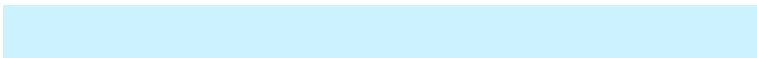
1.2817, 0.5795, 0.3781

Inverse Universe

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



78.2903, 0.2868, 0.3171



83.1604, 0.2818, 0.3145



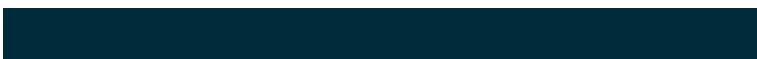
67.3063, 0.2858, 0.2944



17.9621, 0.2980, 0.3225



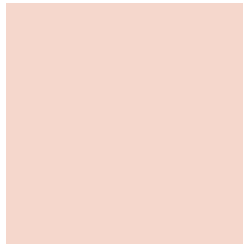
21.2262, 0.1999, 0.2395



2.0343, 0.2033, 0.2520

Previews

White Background



This preview shows how the Yxy color 72.3730, 0.3429, 0.3406 looks on a white background.

Color Contrast Check

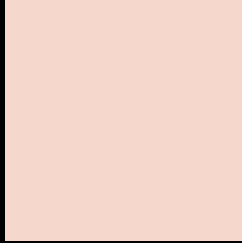
Large Text (above 18pt) WCAG AA × Fail

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 72.3730, 0.3429, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

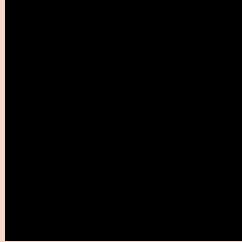
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

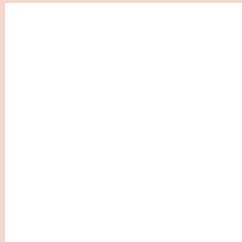
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3730, 0.3429, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 72.3730, 0.3429, 0.3406.

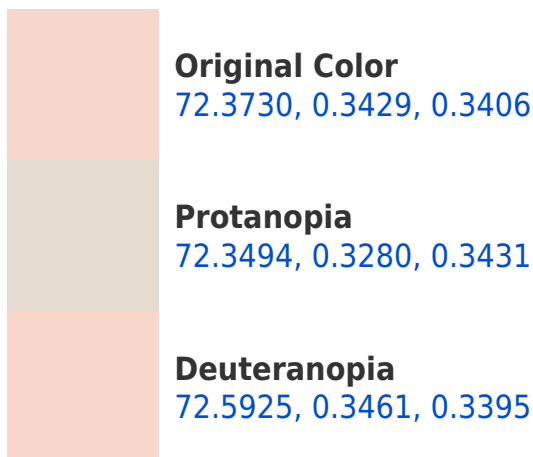


This preview shows how white text looks on a background with the Yxy color 72.3730, 0.3429, 0.3406.

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

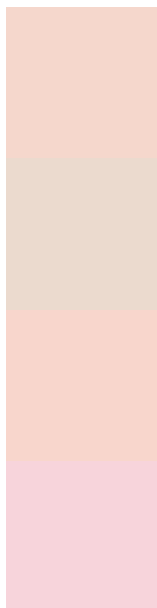




Tritanopia

72.1464, 0.3284, 0.3117

Trichromacy



Original Color

72.3730, 0.3429, 0.3406

Protanomaly

72.2612, 0.3334, 0.3419

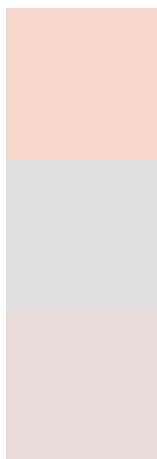
Deuteranomaly

72.4092, 0.3453, 0.3395

Tritanomaly

71.9756, 0.3340, 0.3218

Monochromacy



Original Color

72.3730, 0.3429, 0.3406

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1332, 0.3233, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3730, 0.3429, 0.3406 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, 215, 204)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 204)  
}
```

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, 215, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 204) }
```

Border

The CSS property to change the border of an element to Yxy 72.3730, 0.3429, 0.3406 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, 215, 204) }
```

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

```
.border{ border-color:rgb(245, 215, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 204);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3730, 0.3429, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 204) }
```

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

```
.background{ background-color: rgb(245,  
215, 204) }
```

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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