

Converting Colors

$Y_{xy}(72.2876, 0.3595, 0.3586)$

Have a look what the booklet for
Yxy(72.2876, 0.3595, 0.3586)
contains.

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Color

Yxy(72.4700, 0.3599, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	FAD7BA
RGB	250, 215, 186
RGB Percent	98%, 84%, 73%
CMY	0.0196, 0.1569, 0.2704
CMYK	0.00, 0.14, 0.26, 0.02
HSL	27°, 86%, 85%
HSV	27°, 26%, 98%
XYZ	72.5910, 72.4700, 56.6367
YIQ	222.1590, 30.1690, -1.5990

Conversions

Conversions Part 2

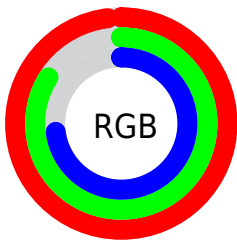
Format	Color
R _Y B	250, 239, 186
Decimal	16439226
CIE Lab	88.19, 7.92, 18.80
CIE LCh	88, 20.401, 67.146
Yxy	72.4700, 0.3599, 0.3593
Android (android.graphics.Color)	4294629306 (0xFFFAD7BA)
YUV	222.1590, -17.8264, 24.4166
Hunter-Lab	85.1293, 3.2333, 20.1447

Details

The Yxy color **72.4700, 0.3599, 0.3593** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.0783, 0.2721, 0.2966**, and the grayscale version is **73.2812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **38.1725, 0.3713, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **64.8231, 0.3832, 0.3718**, and if you desaturate by 10%, it is **80.8921, 0.3394, 0.3470**.

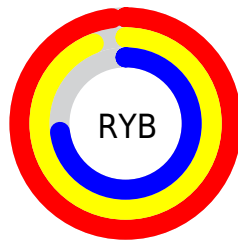
Distribution



Red (98%)

Green (84%)

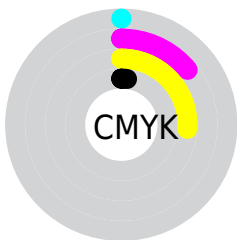
Blue (73%)



Red (98%)

Yellow (94%)

Blue (73%)

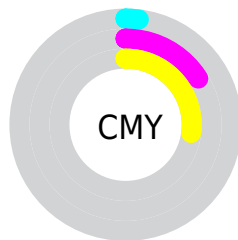


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4700, 0.3599, 0.3593 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 72.4700, 0.3599, 0.3593 by changing the saturation by 10% instead.

 72.4700, 0.3599,
0.3593

 72.4700, 0.3599,
0.3593


469.1759, 0.3379,
0.3456

 53.5427, 0.3649,
0.3623


 122.7245, 0.3523,
0.3546

 38.2362, 0.3711,
0.3660


154.8205, 0.3493,
0.3528

 26.1660, 0.3790,
0.3705


192.0749, 0.3467,
0.3512

 16.9479, 0.3893,
0.3763


234.8720, 0.3445,
0.3498

 10.1974, 0.4032,
0.3838

283.5962, 0.3426,
0.3486

 5.5300, 0.4230,
0.3938

338.6320, 0.3408,

 2.5615, 0.4530,

0.3475

0.4073

400.3638, 0.3393,
0.3465

0.9073, 0.5421,
0.4579

0.0000, 1.0000,
0.0000

72.4700, 0.3599,
0.3593

72.4700, 0.3599,
0.3593

64.8231, 0.3832,
0.3718

80.8921, 0.3394,
0.3470

57.9175, 0.4093,
0.3837

90.1021, 0.3216,
0.3353

51.7314, 0.4378,
0.3944

99.0642, 0.3096,
0.3290

46.2376, 0.4677,
0.4025

■ 41.4069, 0.4975,
0.4068

■ 37.2070, 0.5251,
0.4060

■ 33.6013, 0.5484,
0.3996

■ 32.1812, 0.5575,
0.3956

Harmonies

Analogous

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



72.4700, 0.3600, 0.3404



72.4700, 0.3599, 0.3593



72.4700, 0.3467, 0.3710

Triad

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



72.4700, 0.3599, 0.3593



72.4700, 0.2793, 0.3375



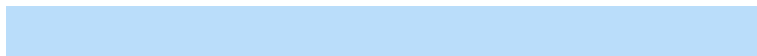
72.4700, 0.2994, 0.2904

Complementary

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



72.4700, 0.3599, 0.3593



69.0783, 0.2721, 0.2966

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.



72.4700, 0.2789, 0.2885



72.4700, 0.3599, 0.3593



72.4700, 0.2676, 0.3145

Square

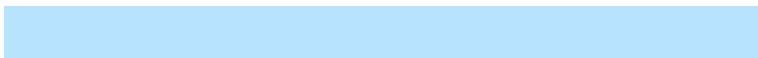
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4700, 0.3599, 0.3593



72.4700, 0.3000, 0.3588



72.4700, 0.2675, 0.2968



72.4700, 0.3243, 0.3017

Rectangle

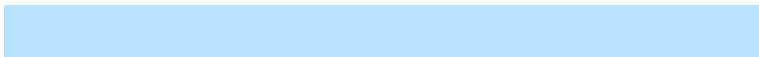
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4700, 0.3599, 0.3593



72.4700, 0.3326, 0.3726



72.4700, 0.2675, 0.2968



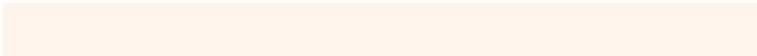
72.4700, 0.2918, 0.2887

Sweetspot

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



72.4733, 0.3599, 0.3593



91.8389, 0.3257, 0.3380



60.6901, 0.3380, 0.2927



19.3418, 0.3283, 0.3398



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.



72.4733, 0.3599, 0.3593



71.3529, 0.3722, 0.3661



90.2722, 0.3522, 0.3902



18.5198, 0.3283, 0.3398



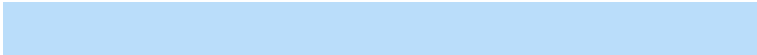
17.3485, 0.5547, 0.3977



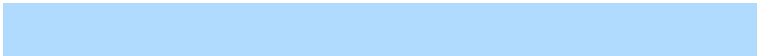
1.8154, 0.5345, 0.4138

Inverse Universe

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



69.0783, 0.2721, 0.2966



67.2136, 0.2633, 0.2886



53.8429, 0.2687, 0.2595



18.2173, 0.2980, 0.3180



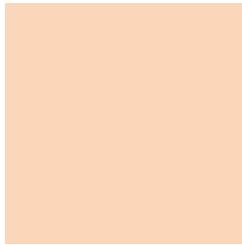
13.4115, 0.1816, 0.1736



1.4540, 0.1871, 0.1936

Previews

White Background



This preview shows how the Yxy color 72.4700, 0.3599, 0.3593 looks on a white background.

Color Contrast Check

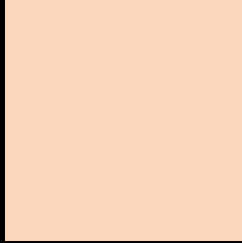
Large Text (above 18pt) WCAG AA × Fail

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 72.4700, 0.3599, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

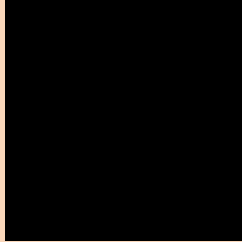
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4700, 0.3599, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 72.4700, 0.3599, 0.3593.



This preview shows how white text looks on a background with the Yxy color 72.4700, 0.3599, 0.3593.

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

72.4700, 0.3599, 0.3593

Protanopia

72.7107, 0.3434, 0.3637

Deuteranopia

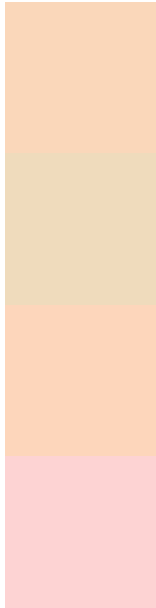
72.4364, 0.3636, 0.3559



Tritanopia

72.3519, 0.3353, 0.3119

Trichromacy



Original Color

72.4700, 0.3599, 0.3593

Protanomaly

72.6446, 0.3491, 0.3622

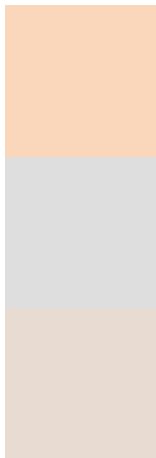
Deuteranomaly

72.5636, 0.3618, 0.3570

Tritanomaly

72.1743, 0.3445, 0.3291

Monochromacy



Original Color

72.4700, 0.3599, 0.3593

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4223, 0.3290, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4700, 0.3599, 0.3593 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(250, 215, 186)` looks like.

```
.text, #text, p{  
    color:rgb(250, 215, 186)  
}
```

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(250, 215, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 186) }
```

Border

The CSS property to change the border of an element to Yxy 72.4700, 0.3599, 0.3593 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(250, 215, 186) }
```

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

```
.border{ border-color:rgb(250, 215, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 215, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 215, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 215, 186);  
box-shadow:4px 4px 4px 4px rgb(250, 215,  
186) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.4700, 0.3599, 0.3593$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 215, 186) }
```

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

```
.background{ background-color: rgb(250,  
215, 186) }
```

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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