

Converting Colors

$Y_{xy}(82.4150, 0.4110, 0.3619)$

Have a look what the booklet for
Yxy(82.4150, 0.4110, 0.3619)
contains.

Yxy(71.4421, 0.3729, 0.3673)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.4421, 0.3729, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4AF
RGB	255, 212, 175
RGB Percent	100%, 83%, 69%
CMY	0.0000, 0.1687, 0.3137
CMYK	0.00, 0.17, 0.31, 0.00
HSL	28°, 100%, 84%
HSV	28°, 31%, 100%
XYZ	72.5313, 71.4421, 50.5327
YIQ	220.6390, 37.5050, -2.3910

Conversions

Conversions Part 2

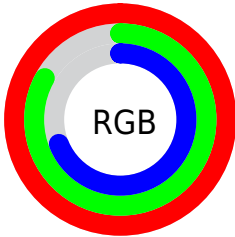
Format	Color
R _Y B	255, 244, 175
Decimal	16766127
CIE _{Lab}	87.70, 9.93, 23.95
CIE _{LCh}	88, 25.924, 67.473
Y _{xy}	71.4421, 0.3729, 0.3673
Android (android.graphics.Color)	4294956207 (0xFFFFD4AF)
Y _{UV}	220.6390, -22.5000, 30.1346
Hunter-Lab	84.5234, 5.2586, 23.7196

Details

The Yxy color **71.4421, 0.3729, 0.3673** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.4918, 0.2626, 0.2872**, and the grayscale version is **72.1785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **37.3894, 0.3876, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **63.9635, 0.3977, 0.3798**, and if you desaturate by 10%, it is **79.6866, 0.3509, 0.3546**.

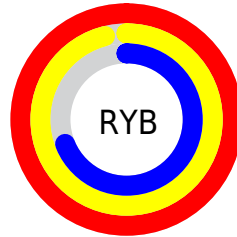
Distribution



Red (100%)

Green (83%)

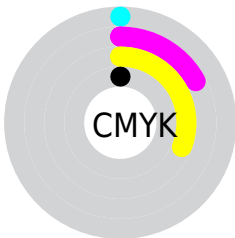
Blue (69%)



Red (100%)

Yellow (96%)

Blue (69%)

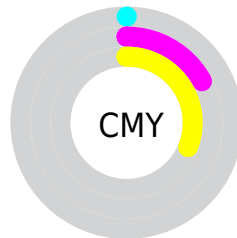


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4421, 0.3729, 0.3673 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 71.4421, 0.3729, 0.3673 by changing the saturation by 10% instead.

 71.4421, 0.3729,
0.3673

 71.4421, 0.3729,
0.3673


465.5974, 0.3448,
0.3502

 52.7031, 0.3793,
0.3710


 121.2630, 0.3631,
0.3615

 37.5658, 0.3872,
0.3755


153.1137, 0.3594,
0.3592

 25.6459, 0.3972,
0.3810


190.1037, 0.3561,
0.3572

 16.5589, 0.4102,
0.3879

232.6174, 0.3533,
0.3554

 9.9205, 0.4275,
0.3965

281.0392, 0.3508,
0.3539

 5.3463, 0.4518,
0.4074

335.7536, 0.3486,

 2.4518, 0.4940,

0.3525

0.4262

397.1448, 0.3466,
0.3513

0.8524, 0.5568,
0.4432

0.0000, 1.0000,
0.0000

71.4421, 0.3729,
0.3673

71.4421, 0.3729,
0.3673

63.9635, 0.3977,
0.3798

79.6866, 0.3509,
0.3546

57.2339, 0.4250,
0.3914

88.7289, 0.3316,
0.3423

51.2240, 0.4541,
0.4010

98.5890, 0.3148,
0.3305

45.9049, 0.4837,
0.4072

100.0000, 0.3127,
0.3290

■ 41.2453, 0.5120,
0.4089

■ 37.2098, 0.5369,
0.4050

■ 34.1896, 0.5548,
0.3976

Harmonies

Analogous

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



71.4421, 0.3734, 0.3433



71.4421, 0.3729, 0.3673



71.4421, 0.3556, 0.3828

Triad

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



71.4421, 0.3729, 0.3673



71.4421, 0.2700, 0.3393



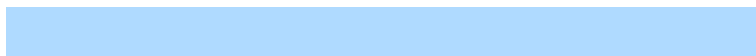
71.4421, 0.2959, 0.2806

Complementary

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



71.4421, 0.3729, 0.3673



66.4918, 0.2626, 0.2872

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.



71.4421, 0.2699, 0.2777



71.4421, 0.3729, 0.3673



71.4421, 0.2556, 0.3098

Square

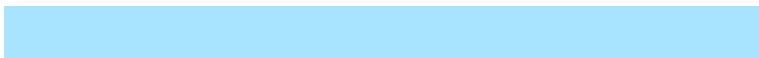
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4421, 0.3729, 0.3673



71.4421, 0.2959, 0.3672



71.4421, 0.2556, 0.2877



71.4421, 0.3277, 0.2948

Rectangle

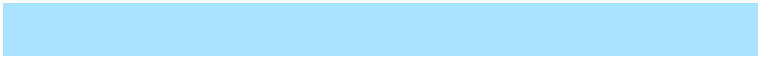
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4421, 0.3729, 0.3673



71.4421, 0.3374, 0.3851



71.4421, 0.2556, 0.2877



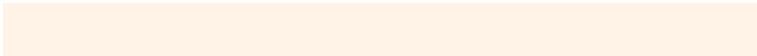
71.4421, 0.2862, 0.2782

Sweetspot

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



71.4393, 0.3729, 0.3673



90.9867, 0.3274, 0.3394



57.0419, 0.3455, 0.2841



19.1765, 0.3299, 0.3412



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.



71.4393, 0.3729, 0.3673



66.3948, 0.3890, 0.3757



93.3508, 0.3614, 0.4041



19.3710, 0.3283, 0.3400



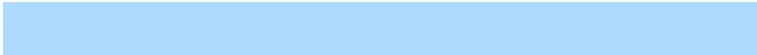
18.1563, 0.5521, 0.3998



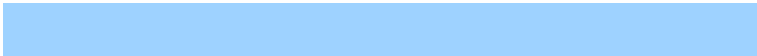
1.9836, 0.5331, 0.4149

Inverse Universe

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



66.4918, 0.2626, 0.2872



60.6932, 0.2519, 0.2767



48.5831, 0.2571, 0.2409



18.9957, 0.2979, 0.3177



13.4407, 0.1806, 0.1702



1.5274, 0.1860, 0.1896

Previews

White Background



This preview shows how the Yxy color 71.4421, 0.3729, 0.3673 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 71.4421, 0.3729, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

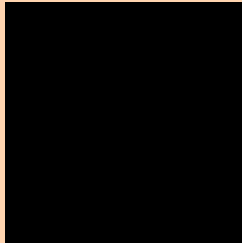
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4421, 0.3729, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 71.4421, 0.3729, 0.3673.



This preview shows how white text looks on a background with the Yxy color 71.4421, 0.3729, 0.3673.

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

71.4421, 0.3729, 0.3673

Protanopia

71.7647, 0.3506, 0.3737

Deuteranopia

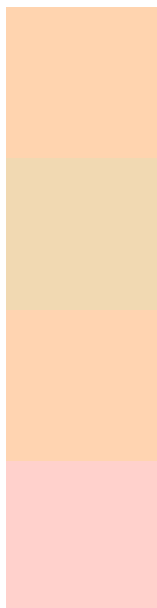
71.5613, 0.3706, 0.3642



Tritanopia

71.5922, 0.3391, 0.3159

Trichromacy



Original Color

71.4421, 0.3729, 0.3673

Protanomaly

71.5408, 0.3582, 0.3708

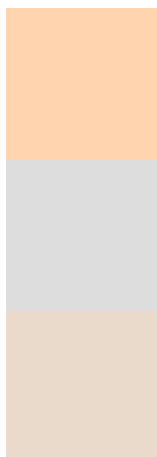
Deuteranomaly

71.5213, 0.3714, 0.3653

Tritanomaly

71.2206, 0.3517, 0.3342

Monochromacy



Original Color

71.4421, 0.3729, 0.3673

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8261, 0.3333, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4421, 0.3729, 0.3673 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(255, 212, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 175)  
}
```

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(255, 212, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 175) }
```

Border

The CSS property to change the border of an element to Yxy 71.4421, 0.3729, 0.3673 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(255, 212, 175) }
```

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

```
.border{ border-color:rgb(255, 212, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4421, 0.3729, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 175) }
```

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

```
.background{ background-color: rgb(255,  
212, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor