

Converting Colors

$Y_{xy}(100.0000, 0.4423, 0.3559)$

Have a look what the booklet for
Yxy(100.0000, 0.4423, 0.3559)
contains.

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Color

Yxy(74.2219, 0.3669, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B5
RGB	255, 217, 181
RGB Percent	100%, 85%, 71%
CMY	0.0002, 0.1489, 0.2901
CMYK	0.00, 0.15, 0.29, 0.00
HSL	29°, 100%, 85%
HSV	29°, 29%, 100%
XYZ	74.3841, 74.2219, 54.1307
YIQ	224.2580, 34.2040, -3.1400

Conversions

Conversions Part 2

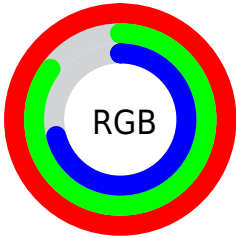
Format	Color
R _Y B	255, 251, 181
Decimal	16767413
CIE Lab	89.03, 8.07, 22.64
CIE LCh	89, 24.038, 70.394
Yxy	74.2219, 0.3669, 0.3661
Android (android.graphics.Color)	4294957493 (0xFFFFD9B5)
YUV	224.2580, -21.3262, 26.9607
Hunter-Lab	86.1521, 3.3514, 23.0537

Details

The Yxy color **74.2219, 0.3669, 0.3661** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.6858, 0.2663, 0.2887**, and the grayscale version is **74.8729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **39.2695, 0.3794, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **66.7924, 0.3906, 0.3794**, and if you desaturate by 10%, it is **82.3844, 0.3458, 0.3528**.

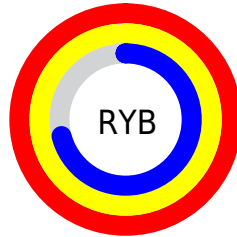
Distribution



Red (100%)

Green (85%)

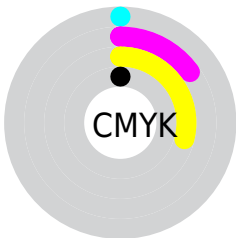
Blue (71%)



Red (100%)

Yellow (98%)

Blue (71%)

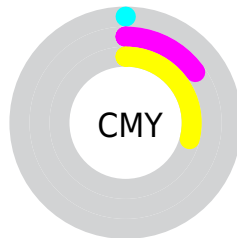


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2219, 0.3669, 0.3661 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 74.2219, 0.3669, 0.3661 by changing the saturation by 10% instead.

 74.2219, 0.3669,
0.3661

 74.2219, 0.3669,
0.3661


475.2389, 0.3418,
0.3495

 54.9757, 0.3726,
0.3697


 125.2103, 0.3582,
0.3605

 39.3822, 0.3796,
0.3741


157.7213, 0.3548,
0.3582

 27.0572, 0.3884,
0.3796


195.4227, 0.3519,
0.3563

 17.6162, 0.3998,
0.3864

238.6988, 0.3494,
0.3546

 10.6748, 0.4151,
0.3951

287.9341, 0.3471,
0.3531

 5.8486, 0.4364,
0.4064

343.5129, 0.3452,

 2.7532, 0.4690,

0.3517

0.4221

405.8197, 0.3434,
0.3506

1.0043, 0.5413,
0.4587

0.0000, 1.0000,
0.0000

74.2219, 0.3669,
0.3661

74.2219, 0.3669,
0.3661

66.7924, 0.3906,
0.3794

82.3844, 0.3458,
0.3528

60.0630, 0.4166,
0.3919

91.2913, 0.3273,
0.3400

54.0128, 0.4444,
0.4026

99.9927, 0.3127,
0.3290

48.6157, 0.4729,
0.4103

■ 43.8434, 0.5005,
0.4137

■ 39.6642, 0.5251,
0.4117

■ 36.0373, 0.5456,
0.4043

■ 35.7017, 0.5475,
0.4035

Harmonies

Analogous

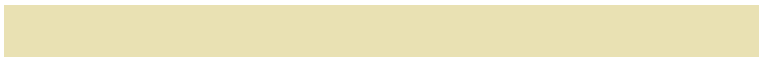
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2219, 0.3689, 0.3446



74.2219, 0.3669, 0.3661



74.2219, 0.3499, 0.3789

Triad

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



74.2219, 0.3669, 0.3661



74.2219, 0.2717, 0.3358



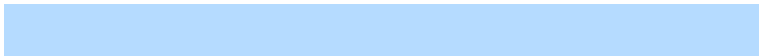
74.2219, 0.3001, 0.2853

Complementary

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



74.2219, 0.3669, 0.3661



67.6858, 0.2663, 0.2887

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.



74.2219, 0.2754, 0.2816



74.2219, 0.3669, 0.3661



74.2219, 0.2596, 0.3092

Square

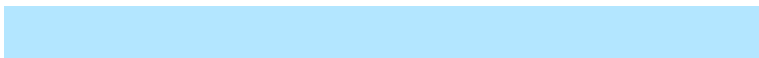
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2219, 0.3669, 0.3661



74.2219, 0.2948, 0.3617



74.2219, 0.2610, 0.2898



74.2219, 0.3293, 0.2993

Rectangle

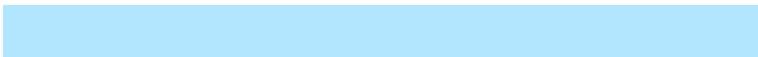
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2219, 0.3669, 0.3661



74.2219, 0.3328, 0.3800



74.2219, 0.2610, 0.2898



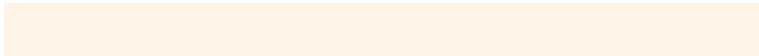
74.2219, 0.2910, 0.2828

Sweetspot

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



74.2253, 0.3669, 0.3661



91.3242, 0.3273, 0.3400



59.4340, 0.3444, 0.2900



19.2595, 0.3299, 0.3418



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.



74.2253, 0.3669, 0.3661



69.7049, 0.3808, 0.3741



95.3014, 0.3570, 0.4006



19.4470, 0.3282, 0.3406



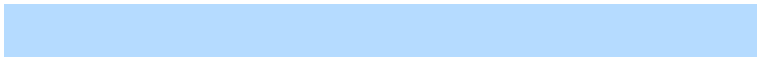
18.9577, 0.5449, 0.4055



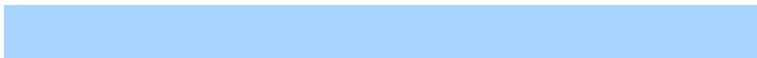
2.0636, 0.5268, 0.4199

Inverse Universe

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



67.6858, 0.2663, 0.2887



62.1605, 0.2564, 0.2789



50.6021, 0.2616, 0.2457



18.9192, 0.2979, 0.3171



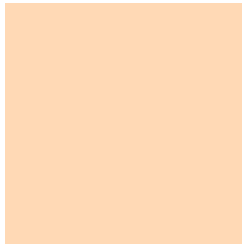
12.5333, 0.1783, 0.1618



1.4391, 0.1839, 0.1820

Previews

White Background



This preview shows how the Yxy color 74.2219, 0.3669, 0.3661 looks on a white background.

Color Contrast Check

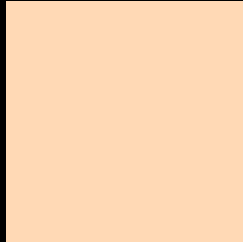
Large Text (above 18pt) WCAG AA × Fail

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 74.2219, 0.3669, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

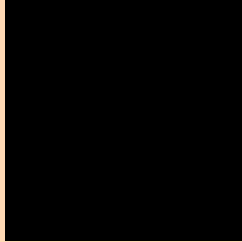
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2219, 0.3669, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 74.2219, 0.3669, 0.3661.



This preview shows how white text looks on a background with the Yxy color 74.2219, 0.3669, 0.3661.

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

74.2219, 0.3669, 0.3661

Protanopia

74.2406, 0.3495, 0.3708

Deuteranopia

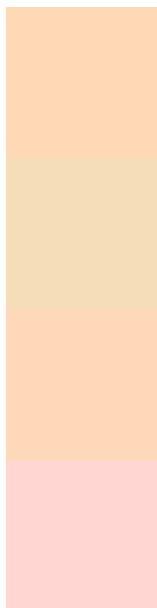
74.0026, 0.3621, 0.3579



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.2219, 0.3669, 0.3661

Protanomaly

74.3649, 0.3560, 0.3691

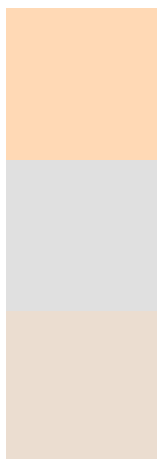
Deuteranomaly

73.8745, 0.3643, 0.3610

Tritanomaly

74.0063, 0.3463, 0.3332

Monochromacy



Original Color

74.2219, 0.3669, 0.3661

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9291, 0.3316, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2219, 0.3669, 0.3661 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, 217, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 181)  
}
```

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, 217, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 181) }
```

Border

The CSS property to change the border of an element to Yxy 74.2219, 0.3669, 0.3661 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, 217, 181) }
```

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

```
.border{ border-color:rgb(255, 217, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2219, 0.3669, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 181) }
```

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

```
.background{ background-color: rgb(255,  
217, 181) }
```

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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