

Converting Colors

$Y_{xy}(111.2016, 0.4632, 0.3542)$

Have a look what the booklet for
Yxy(111.2016, 0.4632, 0.3542)
contains.

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Color

Yxy(74.7390, 0.3667, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAB5
RGB	255, 218, 181
RGB Percent	100%, 85%, 71%
CMY	0.0000, 0.1451, 0.2903
CMYK	0.00, 0.15, 0.29, 0.00
HSL	30°, 100%, 85%
HSV	30°, 29%, 100%
XYZ	74.6576, 74.7390, 54.1965
YIQ	224.8450, 33.9290, -3.6630

Conversions

Conversions Part 2

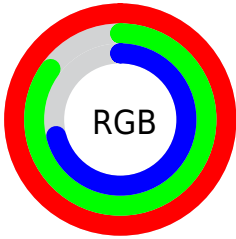
Format	Color
R _Y B	255, 255, 181
Decimal	16767669
CIE Lab	89.27, 7.58, 23.00
CIE LCh	89, 24.217, 71.757
Yxy	74.7390, 0.3667, 0.3671
Android (android.graphics.Color)	4294957749 (0xFFFFDAB5)
YUV	224.8450, -21.6156, 26.4459
Hunter-Lab	86.4517, 2.8577, 23.3474

Details

The Yxy color **74.7390, 0.3667, 0.3671** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.1759, 0.2661, 0.2875**, and the grayscale version is **75.3146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **39.6232, 0.3790, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **67.4254, 0.3901, 0.3807**, and if you desaturate by 10%, it is **82.7492, 0.3458, 0.3535**.

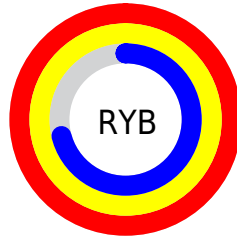
Distribution



Red (100%)

Green (85%)

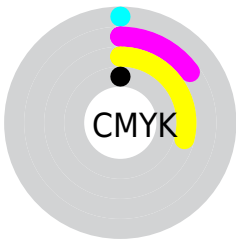
Blue (71%)



Red (100%)

Yellow (100%)

Blue (71%)

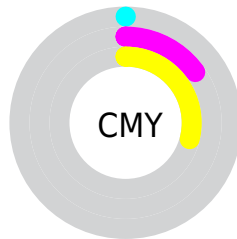


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7390, 0.3667, 0.3671 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 74.7390, 0.3667, 0.3671 by changing the saturation by 10% instead.


 74.7390, 0.3667,
0.3671

 74.7390, 0.3667,
0.3671


477.0200, 0.3418,
0.3500

 55.3991, 0.3724,
0.3708


 125.9428, 0.3581,
0.3613

 39.7213, 0.3793,
0.3754


158.5756, 0.3547,
0.3590

 27.3213, 0.3880,
0.3809


196.4080, 0.3518,
0.3570

 17.8147, 0.3993,
0.3879

239.8246, 0.3493,
0.3553

 10.8170, 0.4144,
0.3969

289.2097, 0.3471,
0.3537

 5.9439, 0.4354,
0.4085

344.9477, 0.3451,

 2.8110, 0.4672,

0.3524

0.4248

407.4230, 0.3433,
0.3511

1.0339, 0.5377,
0.4623

0.0000, 1.0000,
0.0000

74.7390, 0.3667,
0.3671

74.7390, 0.3667,
0.3671

67.4254, 0.3901,
0.3807

82.7492, 0.3458,
0.3535

60.7918, 0.4158,
0.3935

91.4819, 0.3273,
0.3403

54.8133, 0.4431,
0.4046

100.0000, 0.3127,
0.3290

49.4647, 0.4710,
0.4125

■ 44.7189, 0.4978,
0.4162

■ 40.5452, 0.5218,
0.4145

■ 36.9043, 0.5417,
0.4074

■ 36.5747, 0.5436,
0.4066

Harmonies

Analogous

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



74.7390, 0.3695, 0.3458



74.7390, 0.3667, 0.3671



74.7390, 0.3490, 0.3795

Triad

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



74.7390, 0.3667, 0.3671



74.7390, 0.2707, 0.3345



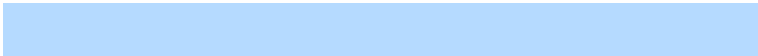
74.7390, 0.3013, 0.2855

Complementary

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



74.7390, 0.3667, 0.3671



67.1759, 0.2661, 0.2875

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.



74.7390, 0.2761, 0.2813



74.7390, 0.3667, 0.3671



74.7390, 0.2591, 0.3080

Square

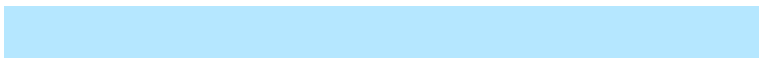
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7390, 0.3667, 0.3671



74.7390, 0.2934, 0.3609



74.7390, 0.2611, 0.2889



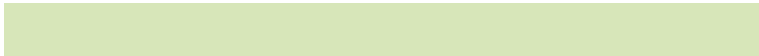
74.7390, 0.3307, 0.3000

Rectangle

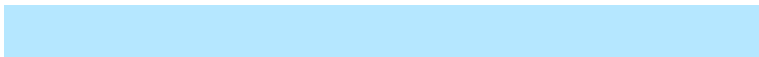
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7390, 0.3667, 0.3671



74.7390, 0.3316, 0.3800



74.7390, 0.2611, 0.2889



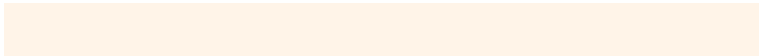
74.7390, 0.2921, 0.2828

Sweetspot

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



74.7373, 0.3667, 0.3671



91.5063, 0.3273, 0.3403



59.3618, 0.3454, 0.2912



19.3043, 0.3298, 0.3421



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.



74.7373, 0.3667, 0.3671



70.2869, 0.3804, 0.3753



96.1154, 0.3567, 0.4018



19.4880, 0.3282, 0.3409



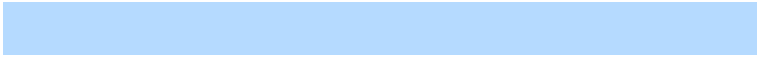
19.4097, 0.5410, 0.4086



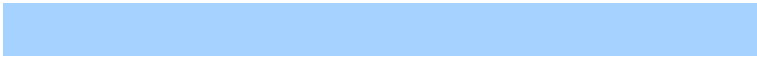
2.1083, 0.5234, 0.4226

Inverse Universe

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



67.1759, 0.2661, 0.2875



61.5742, 0.2562, 0.2774



50.0819, 0.2614, 0.2441



18.8781, 0.2979, 0.3168



12.0667, 0.1771, 0.1573



1.3933, 0.1828, 0.1779

Previews

White Background



This preview shows how the Yxy color 74.7390, 0.3667, 0.3671 looks on a white background.

Color Contrast Check

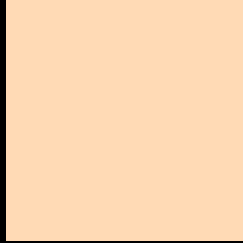
Large Text (above 18pt) WCAG AA × Fail

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 74.7390, 0.3667, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

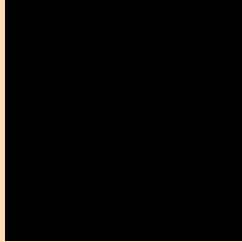
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7390, 0.3667, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 74.7390, 0.3667, 0.3671.

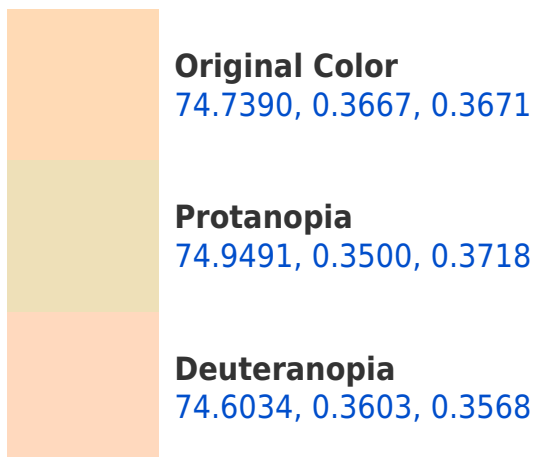


This preview shows how white text looks on a background with the Yxy color 74.7390, 0.3667, 0.3671.

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

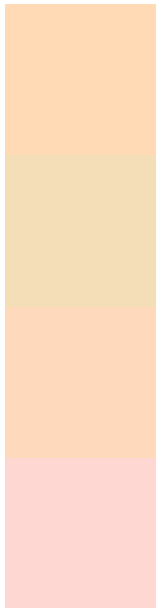




Tritanopia

74.8992, 0.3340, 0.3160

Trichromacy



Original Color

74.7390, 0.3667, 0.3671

Protanomaly

74.8945, 0.3557, 0.3702

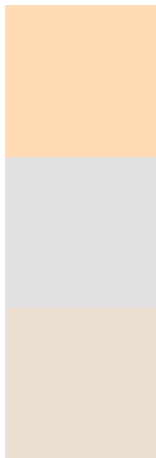
Deuteranomaly

74.4736, 0.3625, 0.3599

Tritanomaly

74.5140, 0.3461, 0.3342

Monochromacy



Original Color

74.7390, 0.3667, 0.3671

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6789, 0.3316, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7390, 0.3667, 0.3671 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, 218, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 181) }
```

Border

The CSS property to change the border of an element to Yxy 74.7390, 0.3667, 0.3671 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, 218, 181) }
```

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

```
.border{ border-color:rgb(255, 218, 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, 218, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7390, 0.3667, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 181) }
```

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

```
.background{ background-color: rgb(255,  
218, 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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