

Converting Colors

$Y_{xy}(101.5284, 0.4538, 0.3593)$

Have a look what the booklet for
Yxy(101.5284, 0.4538, 0.3593)
contains.

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Color

Yxy(73.4277, 0.3724, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8AE
RGB	255, 216, 174
RGB Percent	100%, 85%, 68%
CMY	0.0000, 0.1530, 0.3176
CMYK	0.00, 0.15, 0.32, 0.00
HSL	31°, 100%, 84%
HSV	31°, 32%, 100%
XYZ	73.4474, 73.4277, 50.3521
YIQ	222.8730, 36.7260, -4.7940

Conversions

Conversions Part 2

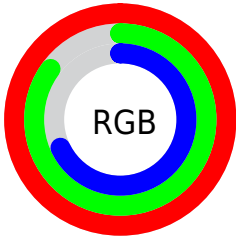
Format	Color
R _Y B	249, 255, 174
Decimal	16767150
CIE Lab	88.65, 7.74, 25.77
CIE LCh	89, 26.910, 73.275
Yxy	73.4277, 0.3724, 0.3723
Android (android.graphics.Color)	4294957230 (0xFFFFD8AE)
YUV	222.8730, -24.0944, 28.1754
Hunter-Lab	85.6900, 3.0402, 25.1437

Details

The Yxy color $73.4277, 0.3724, 0.3723$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $63.8199, 0.2614, 0.2812$, and the grayscale version is $73.8480, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $38.7405, 0.3866, 0.3818$ is the 20% darker color. If you saturate the color by 10%, you get $66.4616, 0.3960, 0.3862$, and if you desaturate by 10%, it is $81.0449, 0.3510, 0.3582$.

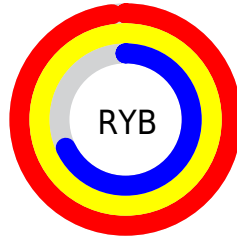
Distribution



Red (100%)

Green (85%)

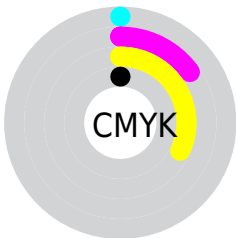
Blue (68%)



Red (98%)

Yellow (100%)

Blue (68%)

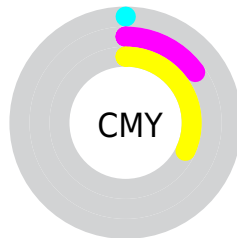


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4277, 0.3724, 0.3723 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 73.4277, 0.3724, 0.3723 by changing the saturation by 10% instead.


 73.4277, 0.3724,
0.3723

 73.4277, 0.3724,
0.3723


472.4958, 0.3448,
0.3529

 54.3258, 0.3787,
0.3765


 124.0842, 0.3628,
0.3657

 38.8622, 0.3863,
0.3817


156.4075, 0.3591,
0.3631

 26.6525, 0.3960,
0.3879


193.9068, 0.3559,
0.3608

 17.3124, 0.4084,
0.3958

236.9664, 0.3531,
0.3589

 10.4575, 0.4249,
0.4057

285.9707, 0.3506,
0.3571

 5.7033, 0.4476,
0.4183

341.3041, 0.3485,

 2.6655, 0.4865,

0.3555

0.4398

403.3510, 0.3465,
0.3541

0.9597, 0.5400,
0.4600

0.0000, 1.0000,
0.0000

73.4277, 0.3724,
0.3723

73.4277, 0.3724,
0.3723

66.4616, 0.3960,
0.3862

81.0449, 0.3510,
0.3582

60.1380, 0.4217,
0.3991

89.3452, 0.3321,
0.3444

54.4303, 0.4486,
0.4099

98.3432, 0.3154,
0.3312

49.3144, 0.4755,
0.4172

100.0000, 0.3127,
0.3290

■ 44.7638, 0.5008,
0.4198

■ 40.7482, 0.5228,
0.4170

■ 37.8097, 0.5381,
0.4109

Harmonies

Analogous

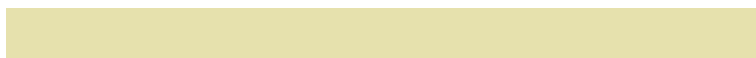
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4277, 0.3765, 0.3487



73.4277, 0.3724, 0.3723



73.4277, 0.3518, 0.3858

Triad

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



73.4277, 0.3724, 0.3723



73.4277, 0.2649, 0.3335



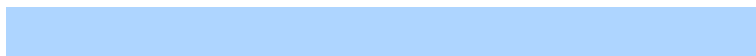
73.4277, 0.3015, 0.2813

Complementary

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



73.4277, 0.3724, 0.3723



63.8199, 0.2614, 0.2812

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.



73.4277, 0.2731, 0.2758



73.4277, 0.3724, 0.3723



73.4277, 0.2529, 0.3040

Square

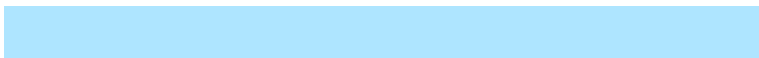
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4277, 0.3724, 0.3723



73.4277, 0.2896, 0.3635



73.4277, 0.2558, 0.2835



73.4277, 0.3344, 0.2978

Rectangle

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



73.4277, 0.3724, 0.3723



73.4277, 0.3321, 0.3860



73.4277, 0.2558, 0.2835



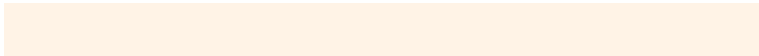
73.4277, 0.2911, 0.2781

Sweetspot

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



73.4236, 0.3724, 0.3723



90.8773, 0.3290, 0.3420



56.3493, 0.3507, 0.2888



19.1892, 0.3314, 0.3439



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.



73.4236, 0.3724, 0.3723



69.0030, 0.3869, 0.3811



95.5814, 0.3599, 0.4088



19.5447, 0.3281, 0.3413



20.0572, 0.5357, 0.4129



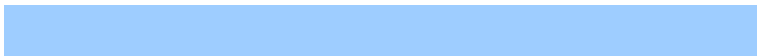
2.1718, 0.5188, 0.4263

Inverse Universe

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



63.8199, 0.2614, 0.2812



58.0538, 0.2510, 0.2701



46.6533, 0.2566, 0.2350



18.8216, 0.2979, 0.3164



11.4477, 0.1754, 0.1513



1.3320, 0.1812, 0.1723

Previews

White Background



This preview shows how the Yxy color 73.4277, 0.3724, 0.3723 looks on a white background.

Color Contrast Check

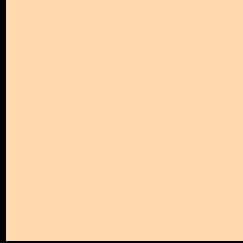
Large Text (above 18pt) WCAG AA × Fail

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 73.4277, 0.3724, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

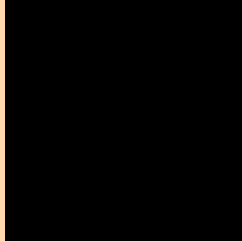
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4277, 0.3724, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 73.4277, 0.3724, 0.3723.



This preview shows how white text looks on a background with the Yxy color 73.4277, 0.3724, 0.3723.

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

73.4277, 0.3724, 0.3723

Protanopia

73.4214, 0.3546, 0.3774

Deuteranopia

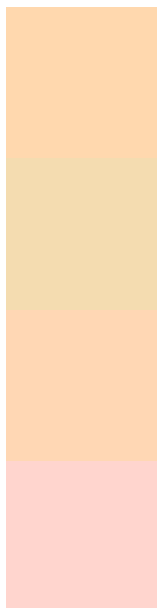
73.2798, 0.3660, 0.3620



Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.4277, 0.3724, 0.3723

Protanomaly

73.5541, 0.3612, 0.3756

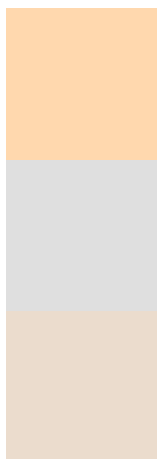
Deuteranomaly

73.1562, 0.3683, 0.3651

Tritanomaly

73.3047, 0.3494, 0.3363

Monochromacy



Original Color

73.4277, 0.3724, 0.3723

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.2563, 0.3338, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4277, 0.3724, 0.3723 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, 216, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 174)  
}
```

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, 216, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 174) }
```

Border

The CSS property to change the border of an element to Yxy 73.4277, 0.3724, 0.3723 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, 216, 174) }
```

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

```
.border{ border-color:rgb(255, 216, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4277, 0.3724, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 174) }
```

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

```
.background{ background-color: rgb(255,  
216, 174) }
```

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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