

Converting Colors

$Y_{xy}(70.2368, 0.3754, 0.3676)$

Have a look what the booklet for
Yxy(70.2368, 0.3754, 0.3676)
contains.

Yxy(70.3703, 0.3750, 0.3674)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.3703, 0.3750, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2AD
RGB	255, 210, 173
RGB Percent	100%, 82%, 68%
CMY	0.0001, 0.1764, 0.3215
CMYK	0.00, 0.18, 0.32, 0.00
HSL	27°, 100%, 84%
HSV	27°, 32%, 100%
XYZ	71.8260, 70.3703, 49.3397
YIQ	219.2370, 38.6970, -1.9670

Conversions

Conversions Part 2

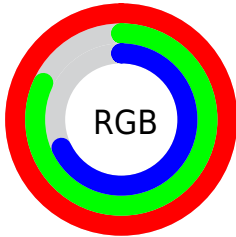
Format	Color
R_{YB}	255, 240, 173
Decimal	16765613
CIE Lab	87.18, 10.69, 24.28
CIE LCh	87, 26.526, 66.228
Yxy	70.3703, 0.3750, 0.3674
Android (android.graphics.Color)	4294955693 (0xFFFFD2AD)
YUV	219.2370, -22.7948, 31.3642
Hunter-Lab	83.8870, 6.0335, 23.8484

Details

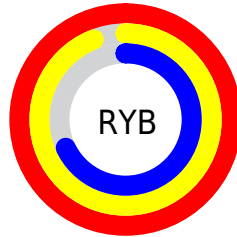
The Yxy color **70.3703, 0.3750, 0.3674** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.2416, 0.2615, 0.2870**, and the grayscale version is **71.1544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **37.0033, 0.3901, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **62.8695, 0.4002, 0.3796**, and if you desaturate by 10%, it is **78.6700, 0.3526, 0.3550**.

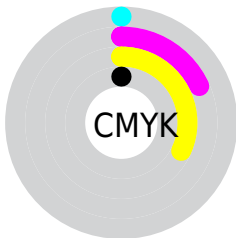
Distribution



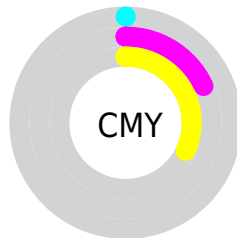
- Red (100%)
- Green (82%)
- Blue (68%)



- Red (100%)
- Yellow (94%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3703, 0.3750, 0.3674 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 70.3703, 0.3750, 0.3674 by changing the saturation by 10% instead.

 70.3703, 0.3750,
0.3674

 70.3703, 0.3750,
0.3674


461.8491, 0.3459,
0.3502

 51.8285, 0.3817,
0.3711


 119.7367, 0.3649,
0.3616

 36.8684, 0.3899,
0.3756


151.3300, 0.3609,
0.3593

 25.1056, 0.4003,
0.3811


188.0427, 0.3575,
0.3573

 16.1557, 0.4139,
0.3879

230.2590, 0.3546,
0.3555

 9.6344, 0.4320,
0.3964

278.3634, 0.3520,
0.3540

 5.1573, 0.4574,
0.4070

332.7403, 0.3497,

 2.3398, 0.5044,

0.3526

0.4274

393.7741, 0.3477,
0.3513

0.7947, 0.5642,
0.4358

0.0000, 0.0000,
0.0000

70.3703, 0.3750,
0.3674

70.3703, 0.3750,
0.3674

62.8695, 0.4002,
0.3796

78.6700, 0.3526,
0.3550

56.1315, 0.4281,
0.3908

87.7834, 0.3330,
0.3429

50.1319, 0.4577,
0.3999

97.7373, 0.3160,
0.3314

44.8406, 0.4879,
0.4056

99.9969, 0.3127,
0.3290

■ 40.2249, 0.5165,
0.4066

■ 36.2478, 0.5416,
0.4020

■ 33.5378, 0.5581,
0.3951

Harmonies

Analogous

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



70.3703, 0.3748, 0.3425



70.3703, 0.3750, 0.3674



70.3703, 0.3578, 0.3839

Triad

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



70.3703, 0.3750, 0.3674



70.3703, 0.2697, 0.3409



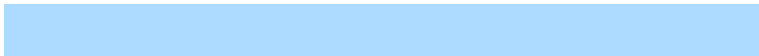
70.3703, 0.2941, 0.2789

Complementary

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



70.3703, 0.3750, 0.3674



66.2416, 0.2615, 0.2870

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.



70.3703, 0.2679, 0.2764



70.3703, 0.3750, 0.3674



70.3703, 0.2544, 0.3103

Square

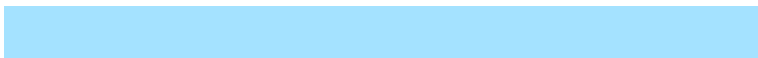
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3703, 0.3750, 0.3674



70.3703, 0.2967, 0.3694



70.3703, 0.2538, 0.2872



70.3703, 0.3267, 0.2931

Rectangle

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



70.3703, 0.3750, 0.3674



70.3703, 0.3394, 0.3868



70.3703, 0.2538, 0.2872



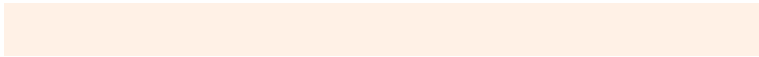
70.3703, 0.2843, 0.2767

Sweetspot

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



70.3736, 0.3750, 0.3674



89.8612, 0.3292, 0.3403



56.2173, 0.3465, 0.2829



18.9436, 0.3317, 0.3420



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.



70.3736, 0.3750, 0.3674



65.1560, 0.3920, 0.3758



93.1972, 0.3626, 0.4059



19.3372, 0.3283, 0.3398



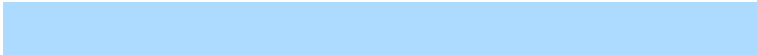
17.8155, 0.5553, 0.3973



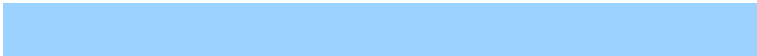
1.9493, 0.5360, 0.4126

Inverse Universe

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



66.2416, 0.2615, 0.2870



60.3925, 0.2505, 0.2764



47.5946, 0.2555, 0.2383



19.0299, 0.2979, 0.3180



13.8616, 0.1817, 0.1740



1.5680, 0.1870, 0.1930

Previews

White Background



This preview shows how the Yxy color 70.3703, 0.3750, 0.3674 looks on a white background.

Color Contrast Check

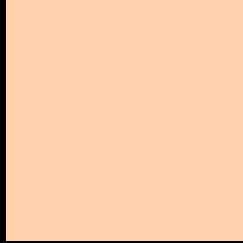
Large Text (above 18pt) WCAG AA × Fail

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 70.3703, 0.3750, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

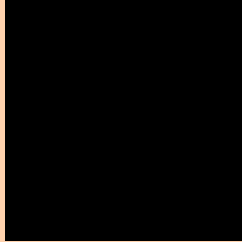
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3703, 0.3750, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 70.3703, 0.3750, 0.3674.

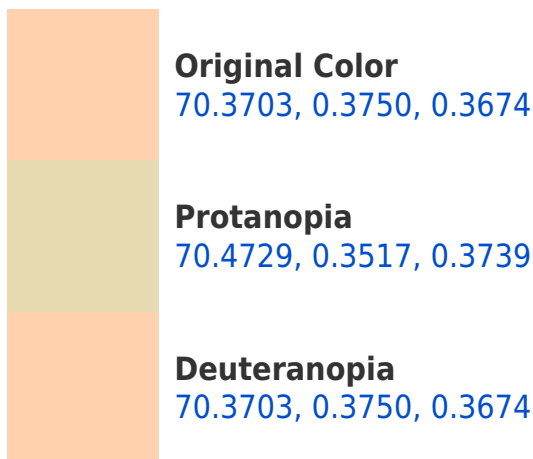


This preview shows how white text looks on a background with the Yxy color 70.3703, 0.3750, 0.3674.

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

70.5171, 0.3409, 0.3159

Trichromacy



Original Color

70.3703, 0.3750, 0.3674

Protanomaly

70.2607, 0.3594, 0.3710

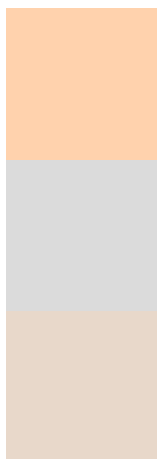
Deuteranomaly

70.3703, 0.3750, 0.3674

Tritanomaly

70.1499, 0.3536, 0.3343

Monochromacy



Original Color

70.3703, 0.3750, 0.3674

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5318, 0.3343, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3703, 0.3750, 0.3674 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, 210, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 173)  
}
```

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, 210, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 173) }
```

Border

The CSS property to change the border of an element to Yxy 70.3703, 0.3750, 0.3674 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, 210, 173) }
```

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

```
.border{ border-color:rgb(255, 210, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3703, 0.3750, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 173) }
```

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

```
.background{ background-color: rgb(255,  
210, 173) }
```

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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