

Converting Colors

$Y_{xy}(83.1943, 0.3971, 0.3723)$

Have a look what the booklet for
Yxy(83.1943, 0.3971, 0.3723)
contains.

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Color

Yxy(76.0289, 0.3708, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDAE
RGB	255, 221, 174
RGB Percent	100%, 87%, 68%
CMY	0.0000, 0.1333, 0.3175
CMYK	0.00, 0.13, 0.32, 0.00
HSL	35°, 100%, 84%
HSV	35°, 32%, 100%
XYZ	74.7389, 76.0289, 50.7934
YIQ	225.8080, 35.3510, -7.4090

Conversions

Conversions Part 2

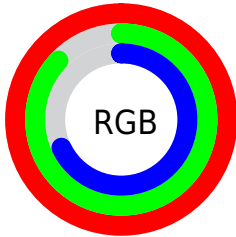
Format	Color
R _{YB}	233, 255, 174
Decimal	16768430
CIE Lab	89.87, 5.15, 27.43
CIE LCh	90, 27.907, 79.359
Yxy	76.0289, 0.3708, 0.3772
Android (android.graphics.Color)	4294958510 (0xFFFFDDAE)
YUV	225.8080, -25.5413, 25.6014
Hunter-Lab	87.1946, 0.4110, 26.4980

Details

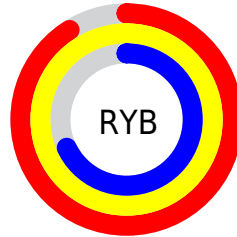
The Yxy color **76.0289, 0.3708, 0.3772** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.3452, 0.2606, 0.2753**, and the grayscale version is **76.0793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **40.5232, 0.3841, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **69.6552, 0.3931, 0.3926**, and if you desaturate by 10%, it is **82.9582, 0.3503, 0.3615**.

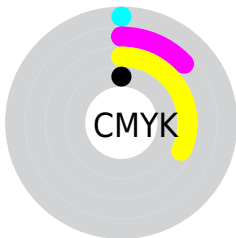
Distribution



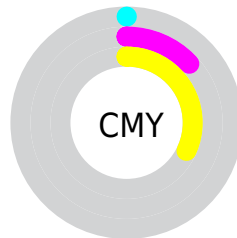
- Red (100%)
- Green (87%)
- Blue (68%)



- Red (91%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0289, 0.3708, 0.3772 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 76.0289, 0.3708, 0.3772 by changing the saturation by 10% instead.


 76.0289, 0.3708,
0.3772

 76.0289, 0.3708,
0.3772

481.4466, 0.3442,
0.3556

 56.4562, 0.3768,
0.3819


 127.7678, 0.3616,
0.3699

 40.5688, 0.3841,
0.3877


160.7027, 0.3581,
0.3669

 27.9823, 0.3932,
0.3947


198.8605, 0.3550,
0.3644

 18.3123, 0.4048,
0.4035

242.6256, 0.3523,
0.3622

 11.1745, 0.4200,
0.4147

292.3824, 0.3499,
0.3603

 6.1843, 0.4406,
0.4291

348.5152, 0.3478,

 2.9575, 0.4745,

0.3585

0.4524

411.4085, 0.3459,
0.3570

■ 1.1096, 0.5212,
0.4788

■ 0.0000, 1.0000,
0.0000

■ 76.0289, 0.3708,
0.3772

■ 76.0289, 0.3708,
0.3772

■ 69.6552, 0.3931,
0.3926

■ 82.9582, 0.3503,
0.3615

■ 63.8104, 0.4169,
0.4069

■ 90.4500, 0.3318,
0.3462

■ 58.4789, 0.4414,
0.4190

■ 98.5231, 0.3154,
0.3315

■ 53.6405, 0.4654,
0.4277

100.0000, 0.3127,
0.3290

■ 49.2726, 0.4876,
0.4317

■ 45.3495, 0.5066,
0.4303

■ 42.4206, 0.5198,
0.4255

Harmonies

Analogous

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



76.0289, 0.3788, 0.3545



76.0289, 0.3708, 0.3772



76.0289, 0.3470, 0.3882

Triad

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



76.0289, 0.3708, 0.3772



76.0289, 0.2600, 0.3270



76.0289, 0.3079, 0.2828

Complementary

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



76.0289, 0.3708, 0.3772



61.3452, 0.2606, 0.2753

Split Complementary

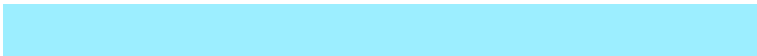
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0289, 0.2773, 0.2747



76.0289, 0.3708, 0.3772



76.0289, 0.2508, 0.2981

Square

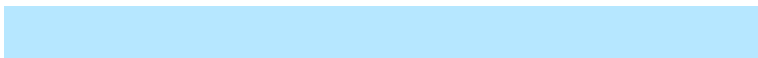
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0289, 0.3708, 0.3772



76.0289, 0.2830, 0.3586



76.0289, 0.2569, 0.2797



76.0289, 0.3415, 0.3016

Rectangle

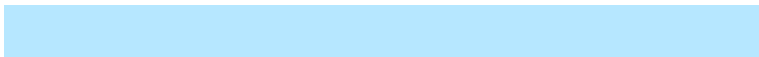
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0289, 0.3708, 0.3772



76.0289, 0.3258, 0.3860



76.0289, 0.2569, 0.2797



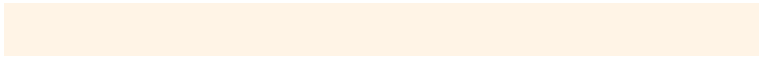
76.0289, 0.2970, 0.2787

Sweetspot

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



76.0320, 0.3708, 0.3772



91.8235, 0.3288, 0.3435



56.1520, 0.3542, 0.2929



19.4181, 0.3312, 0.3456



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.



76.0320, 0.3708, 0.3772



71.9857, 0.3846, 0.3869



94.8276, 0.3571, 0.4096



19.7378, 0.3280, 0.3428



22.4677, 0.5177, 0.4272



2.4038, 0.5034, 0.4385

Inverse Universe

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



61.3452, 0.2606, 0.2753



55.2464, 0.2499, 0.2627



47.1373, 0.2594, 0.2357



18.6310, 0.2979, 0.3148



9.5534, 0.1699, 0.1318



1.1405, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 76.0289, 0.3708, 0.3772 looks on a white background.

Color Contrast Check

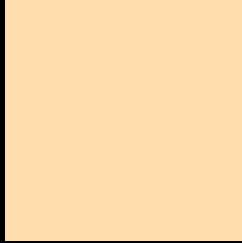
Large Text (above 18pt) WCAG AA × Fail

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 76.0289, 0.3708, 0.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

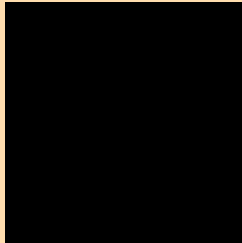
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0289, 0.3708, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 76.0289, 0.3708, 0.3772.



This preview shows how white text looks on a background with the Yxy color 76.0289, 0.3708, 0.3772.

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

76.0289, 0.3708, 0.3772

Protanopia

76.2281, 0.3573, 0.3820

Deuteranopia

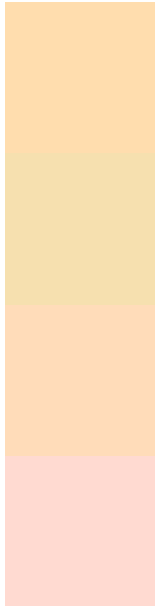
76.2080, 0.3589, 0.3587



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

76.0289, 0.3708, 0.3772

Protanomaly

75.9993, 0.3623, 0.3804

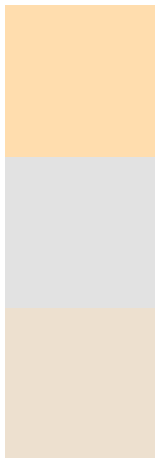
Deuteranomaly

75.9492, 0.3632, 0.3649

Tritanomaly

76.0063, 0.3463, 0.3382

Monochromacy



Original Color

76.0289, 0.3708, 0.3772

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8208, 0.3334, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0289, 0.3708, 0.3772 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, 221, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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, 221, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 174) }
```

Border

The CSS property to change the border of an element to Yxy 76.0289, 0.3708, 0.3772 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, 221, 174) }
```

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

```
.border{ border-color:rgb(255, 221, 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, 221, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 174); box-shadow:4px 4px 4px 4px rgb(255, 221, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0289, 0.3708, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 174) }
```

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

```
.background{ background-color: rgb(255,  
221, 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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