

Converting Colors

$Y_{xy}(76.9188, 0.3810, 0.3718)$

Have a look what the booklet for
Yxy(76.9188, 0.3810, 0.3718)
contains.

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Color

Yxy(74.4980, 0.3710, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAAF
RGB	255, 218, 175
RGB Percent	100%, 85%, 69%
CMY	0.0001, 0.1450, 0.3138
CMYK	0.00, 0.14, 0.31, 0.00
HSL	32°, 100%, 84%
HSV	32°, 31%, 100%
XYZ	74.0390, 74.4980, 51.0290
YIQ	224.1610, 35.8550, -5.5290

Conversions

Conversions Part 2

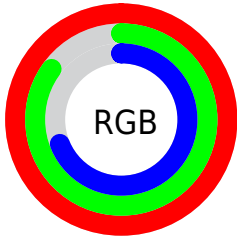
Format	Color
RYB	244, 255, 175
Decimal	16767663
CIELab	89.16, 6.79, 25.95
CIElCh	89, 26.828, 75.336
Yxy	74.4980, 0.3710, 0.3733
Android (android.graphics.Color)	4294957743 (0xFFFFDAAF)
YUV	224.1610, -24.2364, 27.0458
Hunter-Lab	86.3122, 2.0717, 25.3655

Details

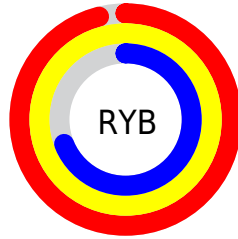
The Yxy color **74.4980, 0.3710, 0.3733** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.3859, 0.2618, 0.2801**, and the grayscale version is **74.8192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **39.4698, 0.3846, 0.3830** is the 20% darker color. If you saturate the color by 10%, you get **67.6982, 0.3942, 0.3877**, and if you desaturate by 10%, it is **81.9280, 0.3500, 0.3587**.

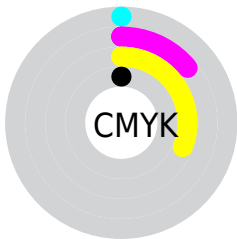
Distribution



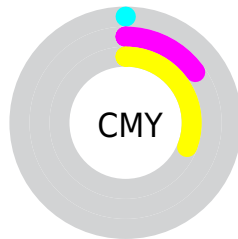
- Red (100%)
- Green (85%)
- Blue (69%)



- Red (96%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4980, 0.3710, 0.3733 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 74.4980, 0.3710, 0.3733 by changing the saturation by 10% instead.


 74.4980, 0.3710,
0.3733

 74.4980, 0.3710,
0.3733


476.1904, 0.3441,
0.3534

 55.2017, 0.3771,
0.3776


 125.6015, 0.3617,
0.3666

 39.5633, 0.3845,
0.3829


158.1775, 0.3581,
0.3639

 27.1982, 0.3938,
0.3894


195.9489, 0.3550,
0.3616

 17.7221, 0.4058,
0.3974

239.3001, 0.3522,
0.3595

 10.7507, 0.4217,
0.4077

288.6154, 0.3498,
0.3577

 5.8994, 0.4434,
0.4209

344.2793, 0.3477,

 2.7840, 0.4793,

0.3561

0.4421

406.6762, 0.3458,
0.3547

■ 1.0200, 0.5328,
0.4672

■ 0.0000, 1.0000,
0.0000

■ 74.4980, 0.3710,
0.3733

■ 74.4980, 0.3710,
0.3733

■ 67.6982, 0.3942,
0.3877

■ 81.9280, 0.3500,
0.3587

■ 61.4986, 0.4192,
0.4011

■ 89.9964, 0.3313,
0.3444

■ 55.8817, 0.4452,
0.4124

■ 98.7242, 0.3148,
0.3308

■ 50.8248, 0.4712,
0.4203

99.9935, 0.3127,
0.3290

■ 46.3029, 0.4956,
0.4236

■ 42.2875, 0.5169,
0.4215

■ 39.1960, 0.5322,
0.4156

Harmonies

Analogous

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



74.4980, 0.3763, 0.3504



74.4980, 0.3710, 0.3733



74.4980, 0.3497, 0.3857

Triad

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



74.4980, 0.3710, 0.3733



74.4980, 0.2640, 0.3313



74.4980, 0.3038, 0.2824

Complementary

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



74.4980, 0.3710, 0.3733



63.3859, 0.2618, 0.2801

Split Complementary

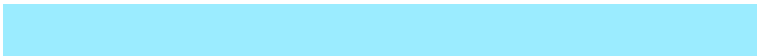
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4980, 0.2751, 0.2762



74.4980, 0.3710, 0.3733



74.4980, 0.2530, 0.3024

Square

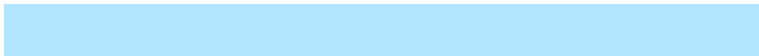
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4980, 0.3710, 0.3733



74.4980, 0.2878, 0.3614



74.4980, 0.2570, 0.2829



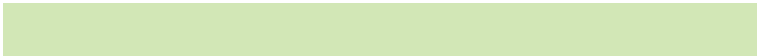
74.4980, 0.3364, 0.2995

Rectangle

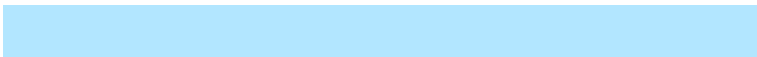
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4980, 0.3710, 0.3733



74.4980, 0.3298, 0.3852



74.4980, 0.2570, 0.2829



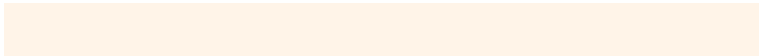
74.4980, 0.2934, 0.2790

Sweetspot

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



74.5014, 0.3710, 0.3733



92.0301, 0.3272, 0.3411



56.6791, 0.3512, 0.2907



19.4333, 0.3297, 0.3431



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.



74.5014, 0.3710, 0.3733



69.9416, 0.3861, 0.3829



95.3444, 0.3584, 0.4081



19.6060, 0.3281, 0.3418



20.7892, 0.5299, 0.4175



2.2429, 0.5138, 0.4302

Inverse Universe

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



63.3859, 0.2618, 0.2801



57.1472, 0.2506, 0.2677



47.2986, 0.2583, 0.2366



18.7607, 0.2979, 0.3159



10.8098, 0.1736, 0.1449



1.2683, 0.1796, 0.1664

Previews

White Background



This preview shows how the Yxy color 74.4980, 0.3710, 0.3733 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 74.4980, 0.3710, 0.3733 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 74.4980, 0.3710, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 74.4980, 0.3710, 0.3733.



This preview shows how white text looks on a background with the Yxy color 74.4980, 0.3710, 0.3733.

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

74.4980, 0.3710, 0.3733

Protanopia

74.7028, 0.3542, 0.3782

Deuteranopia

74.4736, 0.3625, 0.3599



Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



Original Color

74.4980, 0.3710, 0.3733

Protanomaly

74.6500, 0.3600, 0.3765

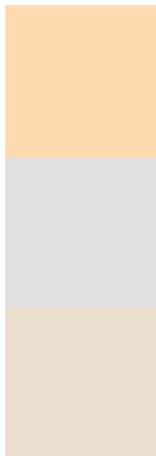
Deuteranomaly

74.3046, 0.3655, 0.3640

Tritanomaly

74.4149, 0.3476, 0.3362

Monochromacy



Original Color

74.4980, 0.3710, 0.3733

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3610, 0.3329, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4980, 0.3710, 0.3733 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 175) }
```

Border

The CSS property to change the border of an element to Yxy 74.4980, 0.3710, 0.3733 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, 175) }
```

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

```
.border{ border-color:rgb(255, 218, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4980, 0.3710, 0.3733 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
218, 175) }
```

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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