

Converting Colors

$Y_{xy}(74.0745, 0.3712, 0.3799)$

Have a look what the booklet for
Yxy(74.0745, 0.3712, 0.3799)
contains.

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Color

Yxy(74.0745, 0.3712, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	FBDBAA
RGB	251, 219, 170
RGB Percent	98%, 86%, 67%
CMY	0.0156, 0.1412, 0.3332
CMYK	0.00, 0.13, 0.32, 0.02
HSL	36°, 91%, 83%
HSV	36°, 32%, 98%
XYZ	72.3781, 74.0745, 48.5316
YIQ	222.9820, 34.8010, -8.4550

Conversions

Conversions Part 2

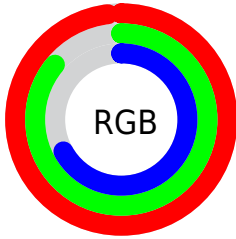
Format	Color
RYB	223, 251, 170
Decimal	16505770
CIELab	88.96, 4.19, 28.19
CIELCh	89, 28.496, 81.553
Yxy	74.0745, 0.3712, 0.3799
Android (android.graphics.Color)	4294695850 (0xFFFBDBAA)
YUV	222.9820, -26.1201, 24.5718
Hunter-Lab	86.0665, -0.5059, 26.8139

Details

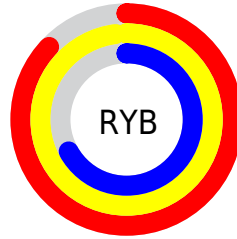
The Yxy color **74.0745, 0.3712, 0.3799** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7848, 0.2595, 0.2720**, and the grayscale version is **73.9540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **39.1727, 0.3847, 0.3917** is the 20% darker color. If you saturate the color by 10%, you get **68.1911, 0.3931, 0.3959**, and if you desaturate by 10%, it is **80.4549, 0.3510, 0.3636**.

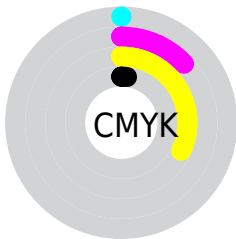
Distribution



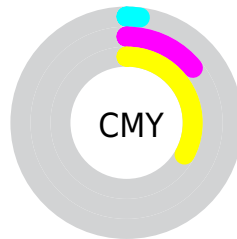
- Red (98%)
- Green (86%)
- Blue (67%)



- Red (87%)
- Yellow (98%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0745, 0.3712, 0.3799 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 74.0745, 0.3712, 0.3799 by changing the saturation by 10% instead.


 74.0745, 0.3712,
0.3799

 74.0745, 0.3712,
0.3799


474.7305, 0.3443,
0.3569

 54.8550, 0.3772,
0.3850


 125.0014, 0.3619,
0.3721

 39.2857, 0.3846,
0.3911


157.4776, 0.3583,
0.3690

 26.9820, 0.3938,
0.3987


195.1415, 0.3552,
0.3663

 17.5597, 0.4056,
0.4082

238.3776, 0.3525,
0.3639

 10.6344, 0.4210,
0.4203

287.5701, 0.3501,
0.3619

 5.8215, 0.4418,
0.4359

343.1034, 0.3479,

 2.7369, 0.4807,

0.3600

405.3621, 0.3460,
0.3584

0.4658

0.9960, 0.5159,
0.4841

0.0000, 0.0000,
0.0000

74.0745, 0.3712,
0.3799

74.0745, 0.3712,
0.3799

68.1911, 0.3931,
0.3959

80.4549, 0.3510,
0.3636

62.7789, 0.4162,
0.4106

87.3368, 0.3326,
0.3476

57.8243, 0.4397,
0.4231

94.7376, 0.3162,
0.3323

53.3089, 0.4625,
0.4320

99.2524, 0.3103,
0.3290

■ 49.2123, 0.4833,
0.4363

■ 45.5106, 0.5010,
0.4353

■ 42.8920, 0.5125,
0.4312

Harmonies

Analogous

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



74.0745, 0.3809, 0.3571



74.0745, 0.3712, 0.3799



74.0745, 0.3457, 0.3902

Triad

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



74.0745, 0.3712, 0.3799



74.0745, 0.2573, 0.3245



74.0745, 0.3103, 0.2826

Complementary

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



74.0745, 0.3712, 0.3799



57.7848, 0.2595, 0.2720

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.



74.0745, 0.2782, 0.2733



74.0745, 0.3712, 0.3799



74.0745, 0.2490, 0.2953

Square

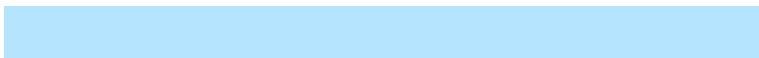
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0745, 0.3712, 0.3799



74.0745, 0.2800, 0.3573



74.0745, 0.2564, 0.2774



74.0745, 0.3447, 0.3025

Rectangle

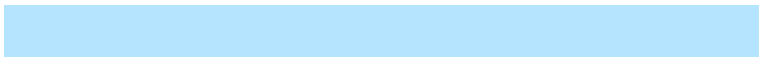
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0745, 0.3712, 0.3799



74.0745, 0.3237, 0.3870



74.0745, 0.2564, 0.2774



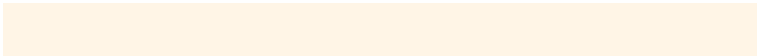
74.0745, 0.2989, 0.2781

Sweetspot

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



74.0779, 0.3712, 0.3799



92.1998, 0.3287, 0.3441



53.5611, 0.3575, 0.2951



19.5093, 0.3311, 0.3463



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.



74.0779, 0.3712, 0.3799



72.5913, 0.3859, 0.3908



90.9490, 0.3559, 0.4113



18.9714, 0.3279, 0.3433



22.8347, 0.5106, 0.4328



2.3217, 0.4967, 0.4438

Inverse Universe

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



57.7848, 0.2595, 0.2720



53.2165, 0.2477, 0.2576



45.2113, 0.2604, 0.2345



17.7690, 0.2979, 0.3143



8.6410, 0.1680, 0.1247



1.0006, 0.1745, 0.1482

Previews

White Background



This preview shows how the Yxy color 74.0745, 0.3712, 0.3799 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 74.0745, 0.3712, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

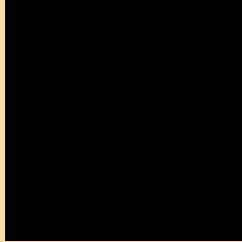
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0745, 0.3712, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 74.0745, 0.3712, 0.3799.



This preview shows how white text looks on a background with the Yxy color 74.0745, 0.3712, 0.3799.

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

74.0745, 0.3712, 0.3799

Protanopia

74.1046, 0.3594, 0.3835

Deuteranopia

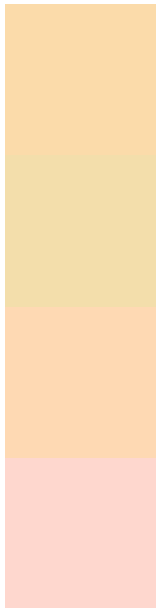
73.8324, 0.3650, 0.3620



Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

74.0745, 0.3712, 0.3799

Protanomaly

74.2375, 0.3634, 0.3830

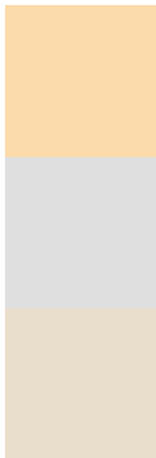
Deuteranomaly

73.9512, 0.3676, 0.3683

Tritanomaly

74.1279, 0.3483, 0.3383

Monochromacy



Original Color

74.0745, 0.3712, 0.3799

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9258, 0.3328, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0745, 0.3712, 0.3799 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(251, 219, 170)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 170)  
}
```

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(251, 219, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 170) }
```

Border

The CSS property to change the border of an element to Yxy 74.0745, 0.3712, 0.3799 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(251, 219, 170) }
```

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

```
.border{ border-color:rgb(251, 219, 170) }
```

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

Here you see how a box with a 4 pixel rgb(251, 219, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 170);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0745, 0.3712, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 170) }
```

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

```
.background{ background-color: rgb(251,  
219, 170) }
```

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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