

Converting Colors

$Y_{xy}(74.3760, 0.3751, 0.3871)$

Have a look what the booklet for
Yxy(74.3760, 0.3751, 0.3871)
contains.

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Color

Yxy(74.3760, 0.3751, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	FBDCA4
RGB	251, 220, 164
RGB Percent	98%, 86%, 64%
CMY	0.0158, 0.1372, 0.3568
CMYK	0.00, 0.12, 0.35, 0.02
HSL	39°, 92%, 81%
HSV	39°, 35%, 98%
XYZ	72.0704, 74.3760, 45.6900
YIQ	222.8850, 36.4520, -10.8440

Conversions

Conversions Part 2

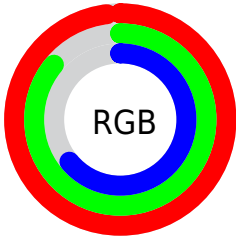
Format	Color
RYB	212, 251, 164
Decimal	16506020
CIELab	89.10, 2.93, 31.47
CIELCh	89, 31.609, 84.690
Yxy	74.3760, 0.3751, 0.3871
Android (android.graphics.Color)	4294696100 (0xFFFBDC4)
YUV	222.8850, -29.0303, 24.6569
Hunter-Lab	86.2415, -1.7537, 28.9577

Details

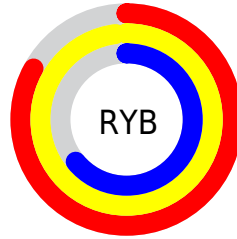
The Yxy color **74.3760, 0.3751, 0.3871** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.8767, 0.2548, 0.2628**, and the grayscale version is **73.8976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **39.4176, 0.3888, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **68.9947, 0.3964, 0.4038**, and if you desaturate by 10%, it is **80.1937, 0.3550, 0.3699**.

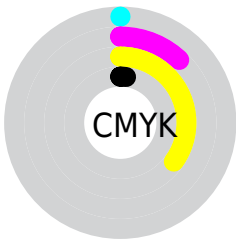
Distribution



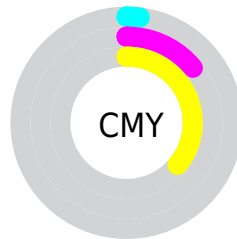
- Red (98%)
- Green (86%)
- Blue (64%)



- Red (83%)
- Yellow (98%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3760, 0.3751, 0.3871 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 74.3760, 0.3751, 0.3871 by changing the saturation by 10% instead.


 74.3760, 0.3751,
0.3871


 74.3760, 0.3751,
0.3871


475.7701, 0.3466,
0.3608

 55.1018, 0.3815,
0.3929


 125.4287, 0.3653,
0.3782

 39.4833, 0.3892,
0.3998


 157.9760, 0.3615,
0.3746

 27.1359, 0.3988,
0.4084


195.7164, 0.3581,
0.3716

 17.6753, 0.4109,
0.4191

239.0345, 0.3552,
0.3689

 10.7171, 0.4266,
0.4326

288.3144, 0.3527,
0.3665

 5.8770, 0.4470,
0.4497

343.9408, 0.3504,

 2.7704, 0.4926,

0.3644

0.4894

406.2978, 0.3484,
0.3625

■ 1.0131, 0.5073,
0.4927

■ 0.0000, 0.0000,
0.0000

■ 74.3760, 0.3751,
0.3871

■ 74.3760, 0.3751,
0.3871

■ 68.9947, 0.3964,
0.4038

■ 80.1937, 0.3550,
0.3699

■ 64.0250, 0.4185,
0.4189

■ 86.4511, 0.3366,
0.3528

■ 59.4549, 0.4403,
0.4314

■ 93.1642, 0.3199,
0.3364

■ 55.2669, 0.4610,
0.4401

■ 99.2430, 0.3102,
0.3290

■ 51.4417, 0.4793,
0.4440

■ 47.9561, 0.4943,
0.4426

■ 46.2125, 0.5013,
0.4402

Harmonies

Analogous

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



74.3760, 0.3882, 0.3627



74.3760, 0.3751, 0.3871



74.3760, 0.3453, 0.3970

Triad

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



74.3760, 0.3751, 0.3871



74.3760, 0.2499, 0.3199



74.3760, 0.3139, 0.2797

Complementary

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



74.3760, 0.3751, 0.3871



53.8767, 0.2548, 0.2628

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.



74.3760, 0.2778, 0.2682



74.3760, 0.3751, 0.3871



74.3760, 0.2426, 0.2888

Square

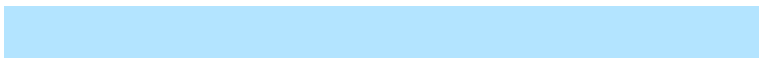
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3760, 0.3751, 0.3871



74.3760, 0.2732, 0.3568



74.3760, 0.2524, 0.2708



74.3760, 0.3518, 0.3026

Rectangle

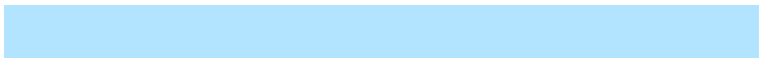
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3760, 0.3751, 0.3871



74.3760, 0.3206, 0.3923



74.3760, 0.2524, 0.2708



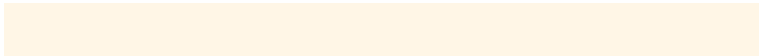
74.3760, 0.3012, 0.2745

Sweetspot

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



74.3794, 0.3751, 0.3871



92.8095, 0.3286, 0.3451



51.0438, 0.3647, 0.2955



19.6570, 0.3310, 0.3474



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.



74.3794, 0.3751, 0.3871



72.9559, 0.3908, 0.3995



90.0706, 0.3570, 0.4181



19.0902, 0.3278, 0.3442



24.5835, 0.4996, 0.4415



2.4768, 0.4874, 0.4512

Inverse Universe

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



53.8767, 0.2548, 0.2628



48.6352, 0.2416, 0.2457



42.7081, 0.2578, 0.2270



17.6540, 0.2979, 0.3133



7.6961, 0.1649, 0.1136



0.9048, 0.1715, 0.1372

Previews

White Background



This preview shows how the Yxy color 74.3760, 0.3751, 0.3871 looks on a white background.

Color Contrast Check

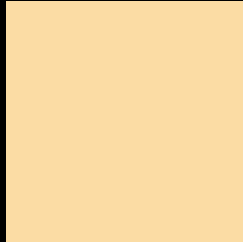
Large Text (above 18pt) WCAG AA × Fail

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 74.3760, 0.3751, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

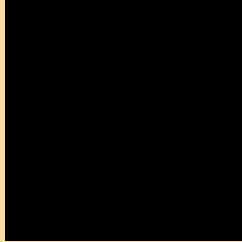
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3760, 0.3751, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 74.3760, 0.3751, 0.3871.



This preview shows how white text looks on a background with the Yxy color 74.3760, 0.3751, 0.3871.

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

74.3760, 0.3751, 0.3871

Protanopia

74.5897, 0.3640, 0.3908

Deuteranopia

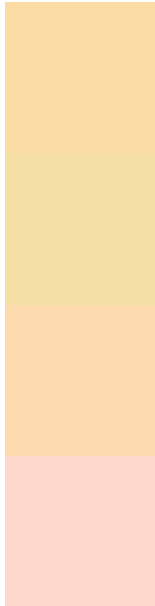
74.2631, 0.3662, 0.3651



Tritanopia

74.4499, 0.3334, 0.3140

Trichromacy



Original Color

74.3760, 0.3751, 0.3871

Protanomaly

74.7251, 0.3680, 0.3902

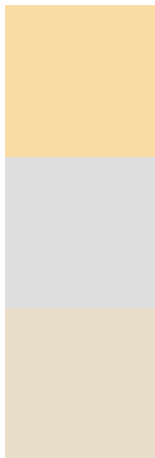
Deuteranomaly

74.3088, 0.3702, 0.3734

Tritanomaly

74.5903, 0.3488, 0.3403

Monochromacy



Original Color

74.3760, 0.3751, 0.3871

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8305, 0.3342, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3760, 0.3751, 0.3871 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, 220, 164)` looks like.

```
.text, #text, p{  
    color:rgb(251, 220, 164)  
}
```

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, 220, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 220, 164) }
```

Border

The CSS property to change the border of an element to Yxy 74.3760, 0.3751, 0.3871 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, 220, 164) }
```

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

```
.border{ border-color:rgb(251, 220, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 220, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 220, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 220, 164); box-shadow:4px 4px 4px 4px rgb(251, 220, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3760, 0.3751, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 220, 164) }
```

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

```
.background{ background-color: rgb(251,  
220, 164) }
```

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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