

Converting Colors

$Y_{xy}(136.5957, 0.5086, 0.3581)$

Have a look what the booklet for
Yxy(136.5957, 0.5086, 0.3581)
contains.

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Color

Yxy(74.0472, 0.3797, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAA3
RGB	255, 218, 163
RGB Percent	100%, 85%, 64%
CMY	0.0000, 0.1451, 0.3608
CMYK	0.00, 0.15, 0.36, 0.00
HSL	36°, 100%, 82%
HSV	36°, 36%, 100%
XYZ	72.9331, 74.0472, 45.1006
YIQ	222.7930, 39.7070, -9.2610

Conversions

Conversions Part 2

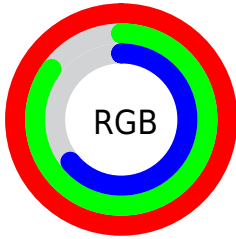
Format	Color
R _Y B	225, 255, 163
Decimal	16767651
CIE Lab	88.94, 5.41, 31.85
CIE LCh	89, 32.309, 80.368
Yxy	74.0472, 0.3797, 0.3855
Android (android.graphics.Color)	4294957731 (0xFFFFDAA3)
YUV	222.7930, -29.4779, 28.2455
Hunter-Lab	86.0507, 0.7008, 29.1606

Details

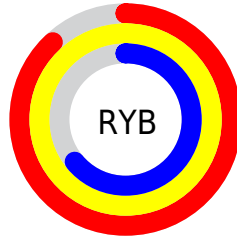
The Yxy color **74.0472, 0.3797, 0.3855** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.3220, 0.2529, 0.2647**, and the grayscale version is **73.8254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **39.2124, 0.3948, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **68.0628, 0.4023, 0.4010**, and if you desaturate by 10%, it is **80.5374, 0.3586, 0.3694**.

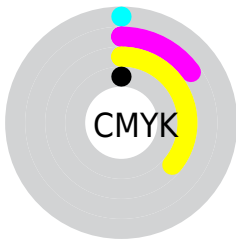
Distribution



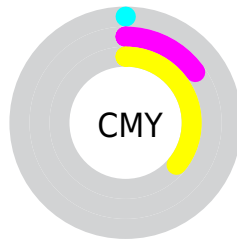
- Red (100%)
- Green (85%)
- Blue (64%)



- Red (88%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0472, 0.3797, 0.3855 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 74.0472, 0.3797, 0.3855 by changing the saturation by 10% instead.


 74.0472, 0.3797,
0.3855

 74.0472, 0.3797,
0.3855


474.6363, 0.3490,
0.3602

 54.8327, 0.3866,
0.3910


 124.9627, 0.3691,
0.3769

 39.2678, 0.3949,
0.3976


 157.4325, 0.3650,
0.3735

 26.9681, 0.4053,
0.4057


195.0895, 0.3614,
0.3706

 17.5493, 0.4185,
0.4157

238.3181, 0.3583,
0.3680

 10.6269, 0.4355,
0.4282

287.5026, 0.3555,
0.3657

 5.8165, 0.4578,
0.4435

343.0276, 0.3531,

 2.7338, 0.5086,

0.3636

0.4814

405.2773, 0.3509,
0.3618

0.9944, 0.5241,
0.4759

0.0000, 1.0000,
0.0000

74.0472, 0.3797,
0.3855

74.0472, 0.3797,
0.3855

68.0628, 0.4023,
0.4010

80.5374, 0.3586,
0.3694

62.5789, 0.4259,
0.4149

87.5610, 0.3395,
0.3534

57.5730, 0.4495,
0.4260

95.1293, 0.3222,
0.3380

53.0251, 0.4721,
0.4331

100.0000, 0.3127,
0.3290

■ 48.9124, 0.4922,
0.4352

■ 45.2077, 0.5088,
0.4319

■ 43.8523, 0.5146,
0.4296

Harmonies

Analogous

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



74.0472, 0.3901, 0.3591



74.0472, 0.3797, 0.3855



74.0472, 0.3512, 0.3984

Triad

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



74.0472, 0.3797, 0.3855



74.0472, 0.2509, 0.3250



74.0472, 0.3082, 0.2762

Complementary

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



74.0472, 0.3797, 0.3855



56.3220, 0.2529, 0.2647

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.



74.0472, 0.2724, 0.2663



74.0472, 0.3797, 0.3855



74.0472, 0.2410, 0.2916

Square

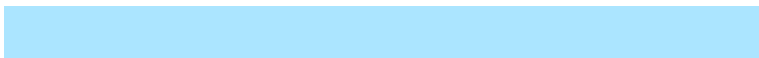
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0472, 0.3797, 0.3855



74.0472, 0.2769, 0.3626



74.0472, 0.2486, 0.2712



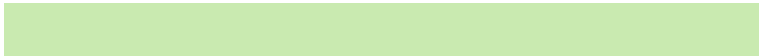
74.0472, 0.3475, 0.2981

Rectangle

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



74.0472, 0.3797, 0.3855



74.0472, 0.3263, 0.3958



74.0472, 0.2486, 0.2712



74.0472, 0.2954, 0.2714

Sweetspot

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



74.0433, 0.3797, 0.3855



91.3338, 0.3305, 0.3455



51.6893, 0.3634, 0.2894



19.3305, 0.3328, 0.3476



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.



74.0433, 0.3797, 0.3855



69.8488, 0.3952, 0.3963



93.9994, 0.3619, 0.4208



19.7929, 0.3279, 0.3432



23.2142, 0.5126, 0.4312



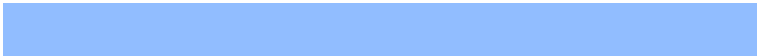
2.4745, 0.4991, 0.4419

Inverse Universe

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



56.3220, 0.2529, 0.2647



49.8652, 0.2409, 0.2498



42.0375, 0.2518, 0.2211



18.5772, 0.2979, 0.3144



9.0715, 0.1685, 0.1265



1.0905, 0.1747, 0.1488

Previews

White Background



This preview shows how the Yxy color 74.0472, 0.3797, 0.3855 looks on a white background.

Color Contrast Check

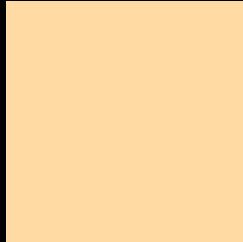
Large Text (above 18pt) WCAG AA × Fail

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 74.0472, 0.3797, 0.3855 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 74.0472, 0.3797, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 74.0472, 0.3797, 0.3855.

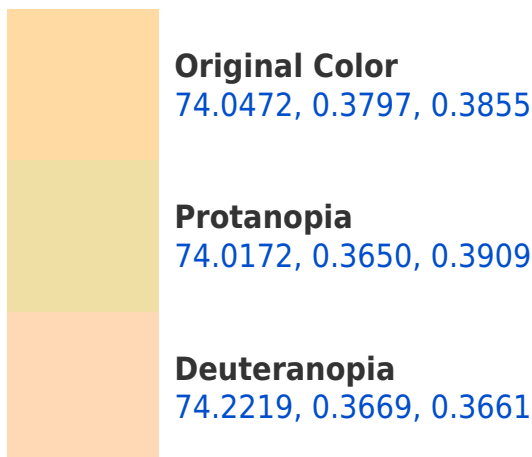


This preview shows how white text looks on a background with the Yxy color 74.0472, 0.3797, 0.3855.

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

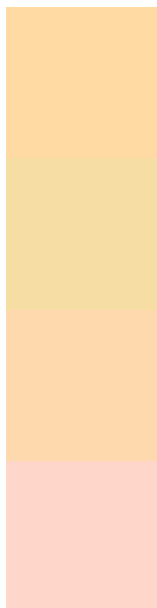




Tritanopia

73.7832, 0.3356, 0.3160

Trichromacy



Original Color

74.0472, 0.3797, 0.3855

Protanomaly

73.8057, 0.3702, 0.3891

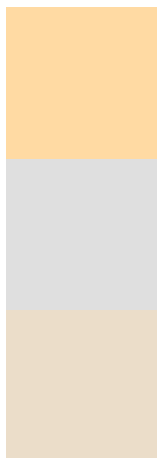
Deuteranomaly

73.9417, 0.3721, 0.3733

Tritanomaly

73.6174, 0.3522, 0.3414

Monochromacy



Original Color

74.0472, 0.3797, 0.3855

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5921, 0.3365, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0472, 0.3797, 0.3855 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 163) }
```

Border

The CSS property to change the border of an element to Yxy 74.0472, 0.3797, 0.3855 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, 163) }
```

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

```
.border{ border-color:rgb(255, 218, 163) }
```

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, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0472, 0.3797, 0.3855 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, 163) }
```

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

```
.background{ background-color: rgb(255,  
218, 163) }
```

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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