

Converting Colors

$Y_{xy}(81.3429, 0.4069, 0.3853)$

Have a look what the booklet for
Yxy(81.3429, 0.4069, 0.3853)
contains.

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Color

Yxy(74.4262, 0.3821, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB9F
RGB	255, 219, 159
RGB Percent	100%, 86%, 62%
CMY	0.0001, 0.1411, 0.3764
CMYK	0.00, 0.14, 0.38, 0.00
HSL	38°, 100%, 81%
HSV	38°, 38%, 100%
XYZ	72.8252, 74.4262, 43.3406
YIQ	222.9240, 40.7160, -11.0280

Conversions

Conversions Part 2

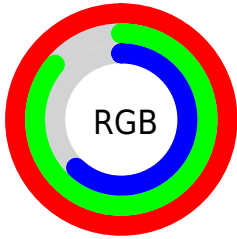
Format	Color
RYB	217, 255, 159
Decimal	16767903
CIELab	89.12, 4.41, 34.13
CIELCh	89, 34.410, 82.638
Yxy	74.4262, 0.3821, 0.3905
Android (android.graphics.Color)	4294957983 (0xFFFFDB9F)
YUV	222.9240, -31.5145, 28.1307
Hunter-Lab	86.2706, -0.2931, 30.6033

Details

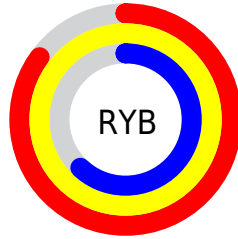
The Yxy color **74.4262, 0.3821, 0.3905** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6199, 0.2497, 0.2582**, and the grayscale version is **73.9436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **39.4828, 0.3978, 0.4032** is the 20% darker color. If you saturate the color by 10%, you get **68.7886, 0.4042, 0.4064**, and if you desaturate by 10%, it is **80.5396, 0.3613, 0.3738**.

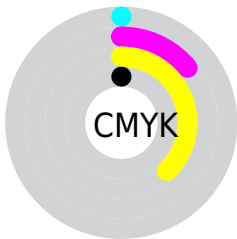
Distribution



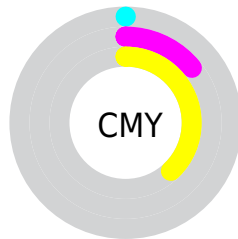
- Red (100%)
- Green (86%)
- Blue (62%)



- Red (85%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (0%)




- Cyan (0%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4262, 0.3821, 0.3905 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 74.4262, 0.3821, 0.3905 by changing the saturation by 10% instead.


 74.4262, 0.3821,
0.3905

 74.4262, 0.3821,
0.3905


475.9430, 0.3504,
0.3629

 55.1429, 0.3891,
0.3965

 125.4998, 0.3712,
0.3812

 39.5162, 0.3977,
0.4037


 158.0589, 0.3670,
0.3775

 27.1615, 0.4082,
0.4124


195.8121, 0.3633,
0.3742

 17.6946, 0.4215,
0.4232

239.1438, 0.3601,
0.3714

 10.7309, 0.4384,
0.4365

288.4383, 0.3572,
0.3689

 5.8862, 0.4602,
0.4527

344.0801, 0.3547,

 2.7760, 0.5088,

0.3667

0.4912

406.4535, 0.3524,
0.3647

■ 1.0159, 0.5172,
0.4828

■ 0.0000, 1.0000,
0.0000

■ 74.4262, 0.3821,
0.3905

■ 74.4262, 0.3821,
0.3905

■ 68.7886, 0.4042,
0.4064

■ 80.5396, 0.3613,
0.3738

■ 63.6005, 0.4269,
0.4205

■ 87.1335, 0.3421,
0.3571

■ 58.8477, 0.4494,
0.4317

■ 94.2254, 0.3247,
0.3408

■ 54.5112, 0.4703,
0.4386

99.9957, 0.3127,
0.3290

■ 50.5687, 0.4886,
0.4405

■ 46.9929, 0.5035,
0.4371

■ 46.1910, 0.5067,
0.4359

Harmonies

Analogous

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



74.4262, 0.3950, 0.3630



74.4262, 0.3821, 0.3905



74.4262, 0.3506, 0.4032

Triad

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



74.4262, 0.3821, 0.3905



74.4262, 0.2458, 0.3216



74.4262, 0.3110, 0.2745

Complementary

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



74.4262, 0.3821, 0.3905



53.6199, 0.2497, 0.2582

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.



74.4262, 0.2724, 0.2629



74.4262, 0.3821, 0.3905



74.4262, 0.2367, 0.2870

Square

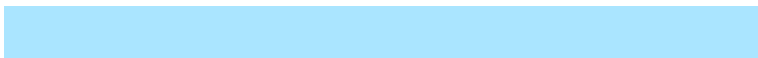
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4262, 0.3821, 0.3905



74.4262, 0.2720, 0.3620



74.4262, 0.2461, 0.2667



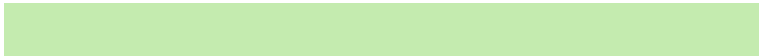
74.4262, 0.3526, 0.2983

Rectangle

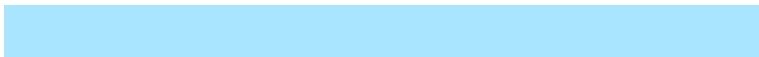
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4262, 0.3821, 0.3905



74.4262, 0.3239, 0.3993



74.4262, 0.2461, 0.2667



74.4262, 0.2973, 0.2691

Sweetspot

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



74.4297, 0.3821, 0.3905



91.7975, 0.3304, 0.3462



50.0389, 0.3696, 0.2909



19.4412, 0.3327, 0.3484



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.



74.4297, 0.3821, 0.3905



70.2417, 0.3983, 0.4024



93.2042, 0.3617, 0.4254



19.8793, 0.3279, 0.3438



24.4369, 0.5049, 0.4373



2.5894, 0.4925, 0.4472

Inverse Universe

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



53.6199, 0.2497, 0.2582



46.7924, 0.2367, 0.2413



40.5958, 0.2509, 0.2164



18.4932, 0.2979, 0.3137



8.3669, 0.1663, 0.1186



1.0163, 0.1725, 0.1411

Previews

White Background



This preview shows how the Yxy color 74.4262, 0.3821, 0.3905 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 74.4262, 0.3821, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

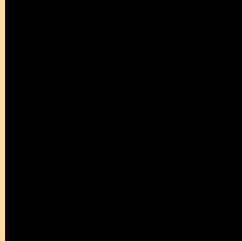
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4262, 0.3821, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 74.4262, 0.3821, 0.3905.

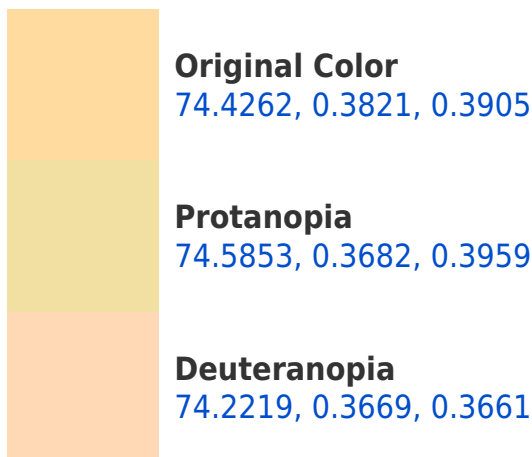


This preview shows how white text looks on a background with the Yxy color 74.4262, 0.3821, 0.3905.

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

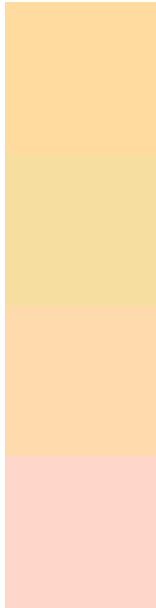




Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.4262, 0.3821, 0.3905

Protanomaly

74.3734, 0.3734, 0.3940

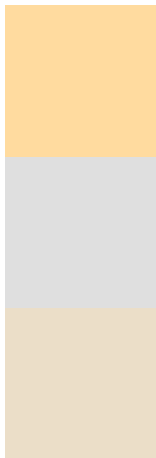
Deuteranomaly

74.4199, 0.3725, 0.3753

Tritanomaly

74.1251, 0.3520, 0.3424

Monochromacy



Original Color

74.4262, 0.3821, 0.3905

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0749, 0.3370, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4262, 0.3821, 0.3905 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, 219, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 159)  
}
```

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, 219, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 159) }
```

Border

The CSS property to change the border of an element to Yxy 74.4262, 0.3821, 0.3905 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, 219, 159) }
```

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

```
.border{ border-color:rgb(255, 219, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4262, 0.3821, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 159) }
```

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

```
.background{ background-color: rgb(255,  
219, 159) }
```

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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