

Converting Colors

$Y_{xy}(74.2974, 0.3863, 0.3967)$

Have a look what the booklet for
Yxy(74.2974, 0.3863, 0.3967)
contains.

Yxy(74.2229, 0.3863, 0.3965)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2229, 0.3863, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB99
RGB	255, 219, 153
RGB Percent	100%, 86%, 60%
CMY	0.0001, 0.1411, 0.3999
CMYK	0.00, 0.14, 0.40, 0.00
HSL	39°, 100%, 80%
HSV	39°, 40%, 100%
XYZ	72.3135, 74.2229, 40.6588
YIQ	222.2400, 42.6420, -12.8940

Conversions

Conversions Part 2

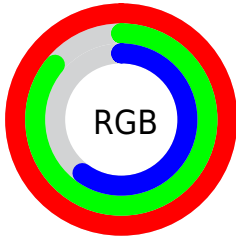
Format	Color
R _Y B	209, 255, 153
Decimal	16767897
CIE Lab	89.03, 3.75, 37.06
CIE LCh	89, 37.250, 84.225
Yxy	74.2229, 0.3863, 0.3965
Android (android.graphics.Color)	4294957977 (0xFFFFDB99)
YUV	222.2400, -34.1353, 28.7305
Hunter-Lab	86.1527, -0.9407, 32.3257

Details

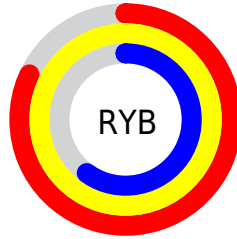
The Yxy color **74.2229, 0.3863, 0.3965** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.3735, 0.2451, 0.2501**, and the grayscale version is **73.4496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **39.3608, 0.4031, 0.4105** is the 20% darker color. If you saturate the color by 10%, you get **68.9060, 0.4080, 0.4126**, and if you desaturate by 10%, it is **79.9802, 0.3656, 0.3794**.

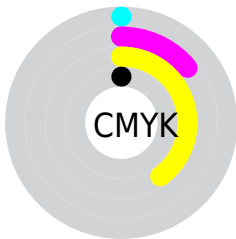
Distribution



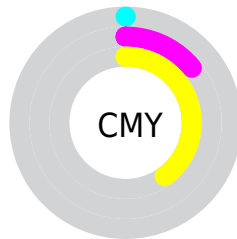
- Red (100%)
- Green (86%)
- Blue (60%)



- Red (82%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2229, 0.3863, 0.3965 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 74.2229, 0.3863, 0.3965 by changing the saturation by 10% instead.


 74.2229, 0.3863,
0.3965

 74.2229, 0.3863,
0.3965

475.2423, 0.3528,
0.3663

 54.9765, 0.3937,
0.4030


 125.2117, 0.3749,
0.3863

 39.3829, 0.4026,
0.4108


 157.7230, 0.3704,
0.3822

 27.0577, 0.4135,
0.4203


195.4246, 0.3665,
0.3787

 17.6166, 0.4271,
0.4318

238.7010, 0.3630,
0.3756

 10.6751, 0.4442,
0.4459

287.9365, 0.3600,
0.3729

 5.8488, 0.4656,
0.4626

343.5157, 0.3573,

 2.7534, 0.5057,

0.3704

0.4943

405.8228, 0.3550,
0.3682

■ 1.0044, 0.5129,
0.4871

■ 0.0000, 0.0000,
0.0000

■ 74.2229, 0.3863,
0.3965

■ 74.2229, 0.3863,
0.3965

■ 68.9060, 0.4080,
0.4126

■ 79.9802, 0.3656,
0.3794

■ 64.0034, 0.4300,
0.4265

■ 86.1818, 0.3462,
0.3621

■ 59.5018, 0.4512,
0.4372

■ 92.8448, 0.3286,
0.3451

■ 55.3822, 0.4706,
0.4435

99.9816, 0.3127,
0.3290

■ 51.6227, 0.4871,
0.4446

99.9939, 0.3127,
0.3290

■ 48.1901, 0.5004,
0.4409

■ 48.1853, 0.5004,
0.4409

Harmonies

Analogous

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



74.2229, 0.4017, 0.3671



74.2229, 0.3863, 0.3965



74.2229, 0.3512, 0.4096

Triad

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



74.2229, 0.3863, 0.3965



74.2229, 0.2395, 0.3184



74.2229, 0.3131, 0.2714

Complementary

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



74.2229, 0.3863, 0.3965



50.3735, 0.2451, 0.2501

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.



74.2229, 0.2711, 0.2581



74.2229, 0.3863, 0.3965



74.2229, 0.2309, 0.2817

Square

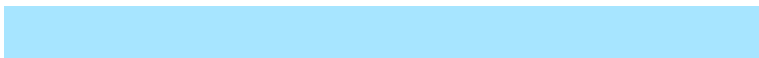
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2229, 0.3863, 0.3965



74.2229, 0.2667, 0.3626



74.2229, 0.2420, 0.2611



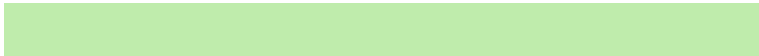
74.2229, 0.3580, 0.2975

Rectangle

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



74.2229, 0.3863, 0.3965



74.2229, 0.3222, 0.4047



74.2229, 0.2420, 0.2611



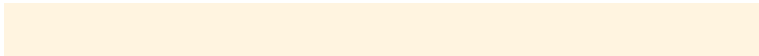
74.2229, 0.2982, 0.2654

Sweetspot

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



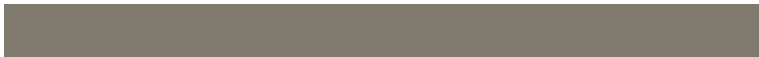
74.2264, 0.3863, 0.3965



91.4911, 0.3320, 0.3485



47.7773, 0.3763, 0.2902



19.3935, 0.3343, 0.3507



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.



74.2264, 0.3863, 0.3965



69.9485, 0.4037, 0.4095



92.5667, 0.3634, 0.4318



19.9495, 0.3278, 0.3443



25.4764, 0.4987, 0.4422



2.6862, 0.4873, 0.4513

Inverse Universe

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



50.3735, 0.2451, 0.2501



43.1314, 0.2308, 0.2307



38.1793, 0.2475, 0.2086



18.4256, 0.2979, 0.3132



7.8395, 0.1646, 0.1126



0.9597, 0.1708, 0.1350

Previews

White Background



This preview shows how the Yxy color 74.2229, 0.3863, 0.3965 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 74.2229, 0.3863, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

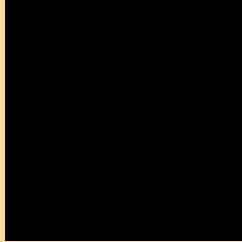
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2229, 0.3863, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 74.2229, 0.3863, 0.3965.



This preview shows how white text looks on a background with the Yxy color 74.2229, 0.3863, 0.3965.

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

74.2229, 0.3863, 0.3965

Protanopia

74.5551, 0.3730, 0.4019

Deuteranopia

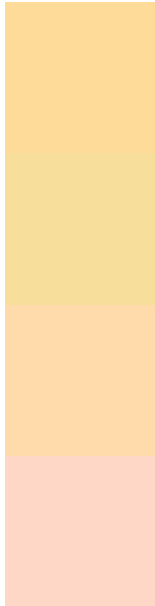
74.1404, 0.3684, 0.3682



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.2229, 0.3863, 0.3965

Protanomaly

74.3498, 0.3783, 0.4000

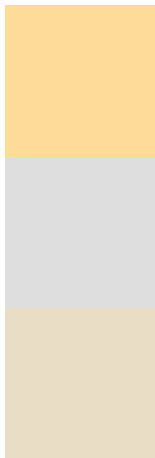
Deuteranomaly

74.3051, 0.3746, 0.3784

Tritanomaly

73.9844, 0.3542, 0.3455

Monochromacy



Original Color

74.2229, 0.3863, 0.3965

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2365, 0.3385, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2229, 0.3863, 0.3965 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 153) }
```

Border

The CSS property to change the border of an element to Yxy 74.2229, 0.3863, 0.3965 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, 153) }
```

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

```
.border{ border-color:rgb(255, 219, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2229, 0.3863, 0.3965 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
219, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor