

Converting Colors

$Yxy(74.0809, 0.3847, 0.3936)$

Have a look what the booklet for
Yxy(74.0809, 0.3847, 0.3936)
contains.

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Color

Yxy(74.3233, 0.3842, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB9C
RGB	255, 219, 156
RGB Percent	100%, 86%, 61%
CMY	0.0001, 0.1411, 0.3881
CMYK	0.00, 0.14, 0.39, 0.00
HSL	38°, 100%, 81%
HSV	38°, 39%, 100%
XYZ	72.5667, 74.3233, 41.9875
YIQ	222.5820, 41.6790, -11.9610

Conversions

Conversions Part 2

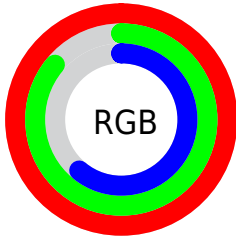
Format	Color
R _Y B	213, 255, 156
Decimal	16767900
CIE Lab	89.08, 4.08, 35.59
CIE LCh	89, 35.823, 83.466
Yxy	74.3233, 0.3842, 0.3935
Android (android.graphics.Color)	4294957980 (0xFFFFDB9C)
YUV	222.5820, -32.8249, 28.4306
Hunter-Lab	86.2110, -0.6196, 31.4716

Details

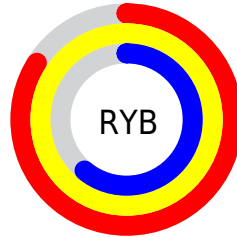
The Yxy color **74.3233, 0.3842, 0.3935** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9846, 0.2474, 0.2541**, and the grayscale version is **73.6968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **39.4207, 0.4005, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **68.8497, 0.4061, 0.4095**, and if you desaturate by 10%, it is **80.2543, 0.3634, 0.3766**.

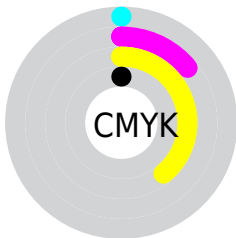
Distribution



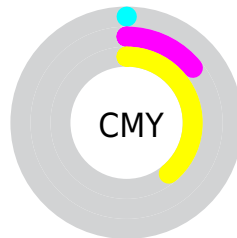
- Red (100%)
- Green (86%)
- Blue (61%)



- Red (84%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3233, 0.3842, 0.3935 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 74.3233, 0.3842, 0.3935 by changing the saturation by 10% instead.


 74.3233, 0.3842,
0.3935


 74.3233, 0.3842,
0.3935


475.5884, 0.3516,
0.3646

 55.0587, 0.3914,
0.3997


 125.3540, 0.3731,
0.3837

 39.4487, 0.4001,
0.4072


 157.8889, 0.3687,
0.3799

 27.1090, 0.4109,
0.4163


195.6160, 0.3649,
0.3765

 17.6551, 0.4243,
0.4275

238.9197, 0.3615,
0.3735

 10.7026, 0.4414,
0.4412

288.1844, 0.3586,
0.3709

 5.8673, 0.4630,
0.4577

343.7945, 0.3560,

 2.7645, 0.5073,

0.3686

0.4927

406.1344, 0.3537,
0.3665

■ 1.0101, 0.5151,
0.4849

■ 0.0000, 1.0000,
0.0000

■ 74.3233, 0.3842,
0.3935

■ 74.3233, 0.3842,
0.3935

■ 68.8497, 0.4061,
0.4095

■ 80.2543, 0.3634,
0.3766

■ 63.8074, 0.4285,
0.4236

■ 86.6470, 0.3442,
0.3595

■ 59.1826, 0.4503,
0.4345

■ 93.5186, 0.3267,
0.3430

■ 54.9563, 0.4705,
0.4411

99.9947, 0.3127,
0.3290

■ 51.1066, 0.4878,
0.4426

■ 47.6036, 0.5019,
0.4390

■ 47.2037, 0.5035,
0.4384

Harmonies

Analogous

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



74.3233, 0.3984, 0.3651



74.3233, 0.3842, 0.3935



74.3233, 0.3509, 0.4064

Triad

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



74.3233, 0.3842, 0.3935



74.3233, 0.2426, 0.3200



74.3233, 0.3121, 0.2729

Complementary

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



74.3233, 0.3842, 0.3935



51.9846, 0.2474, 0.2541

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.



74.3233, 0.2718, 0.2605



74.3233, 0.3842, 0.3935



74.3233, 0.2338, 0.2843

Square

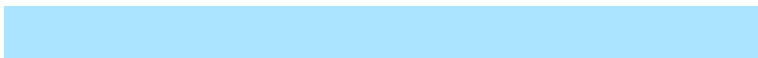
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3233, 0.3842, 0.3935



74.3233, 0.2694, 0.3623



74.3233, 0.2441, 0.2639



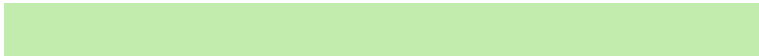
74.3233, 0.3553, 0.2979

Rectangle

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



74.3233, 0.3842, 0.3935



74.3233, 0.3230, 0.4020



74.3233, 0.2441, 0.2639



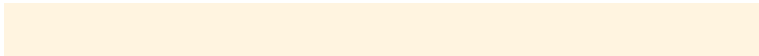
74.3233, 0.2977, 0.2672

Sweetspot

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



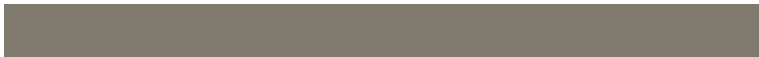
74.3268, 0.3842, 0.3935



91.2921, 0.3321, 0.3482



48.8624, 0.3737, 0.2913



19.3465, 0.3343, 0.3503



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.



74.3268, 0.3842, 0.3935



69.8223, 0.4021, 0.4067



92.7420, 0.3620, 0.4288



19.9153, 0.3278, 0.3441



24.9650, 0.5017, 0.4398



2.6387, 0.4898, 0.4493

Inverse Universe

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



51.9846, 0.2474, 0.2541



44.5063, 0.2329, 0.2349



39.4662, 0.2498, 0.2127



18.4585, 0.2979, 0.3134



8.0914, 0.1654, 0.1155



0.9868, 0.1717, 0.1379

Previews

White Background



This preview shows how the Yxy color 74.3233, 0.3842, 0.3935 looks on a white background.

Color Contrast Check

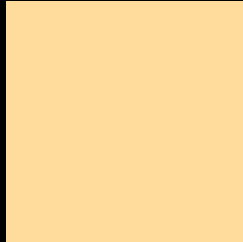
Large Text (above 18pt) WCAG AA × Fail

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 74.3233, 0.3842, 0.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

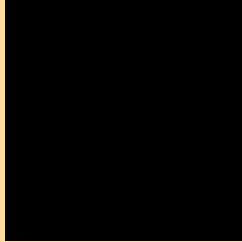
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3233, 0.3842, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 74.3233, 0.3842, 0.3935.

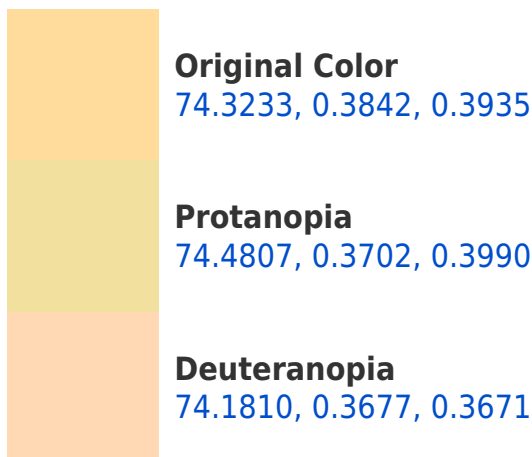


This preview shows how white text looks on a background with the Yxy color 74.3233, 0.3842, 0.3935.

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

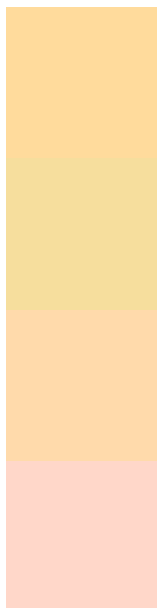




Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.3233, 0.3842, 0.3935

Protanomaly

74.2697, 0.3754, 0.3971

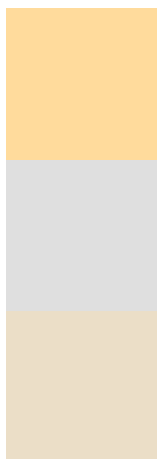
Deuteranomaly

74.3431, 0.3739, 0.3774

Tritanomaly

74.0779, 0.3527, 0.3434

Monochromacy



Original Color

74.3233, 0.3842, 0.3935

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0282, 0.3377, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3233, 0.3842, 0.3935 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 156) }
```

Border

The CSS property to change the border of an element to Yxy 74.3233, 0.3842, 0.3935 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, 156) }
```

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

```
.border{ border-color:rgb(255, 219, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3233, 0.3842, 0.3935 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, 156) }
```

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

```
.background{ background-color: rgb(255,  
219, 156) }
```

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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