

Converting Colors

$Y_{xy}(123.3798, 0.4935, 0.3667)$

Have a look what the booklet for
Yxy(123.3798, 0.4935, 0.3667)
contains.

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Color

Yxy(75.4072, 0.3828, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	FFDD9D
RGB	255, 221, 157
RGB Percent	100%, 87%, 62%
CMY	0.0000, 0.1333, 0.3843
CMYK	0.00, 0.13, 0.38, 0.00
HSL	39°, 100%, 81%
HSV	39°, 38%, 100%
XYZ	73.1893, 75.4072, 42.5982
YIQ	223.8700, 40.8080, -12.6960

Conversions

Conversions Part 2

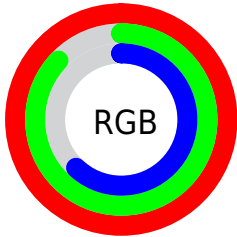
Format	Color
R _Y B	209, 255, 157
Decimal	16768413
CIE Lab	89.58, 3.19, 35.76
CIE LCh	90, 35.906, 84.905
Yxy	75.4072, 0.3828, 0.3944
Android (android.graphics.Color)	4294958493 (0xFFFFDD9D)
YUV	223.8700, -32.9669, 27.3010
Hunter-Lab	86.8373, -1.5197, 31.7013

Details

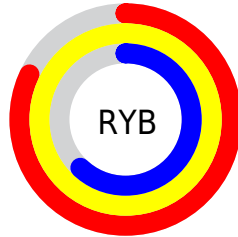
The Yxy color **75.4072, 0.3828, 0.3944** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.6549, 0.2478, 0.2530**, and the grayscale version is **74.6601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **40.1627, 0.3984, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **70.0740, 0.4042, 0.4108**, and if you desaturate by 10%, it is **81.1661, 0.3623, 0.3771**.

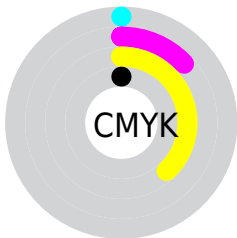
Distribution



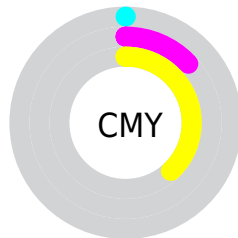
- Red (100%)
- Green (87%)
- Blue (62%)



- Red (82%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4072, 0.3828, 0.3944 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 75.4072, 0.3828, 0.3944 by changing the saturation by 10% instead.


 75.4072, 0.3828,
0.3944


 75.4072, 0.3828,
0.3944

479.3160, 0.3509,
0.3651

 55.9465, 0.3898,
0.4007


 126.8886, 0.3719,
0.3845

 40.1601, 0.3983,
0.4084

 159.6781, 0.3677,
0.3806

 27.6634, 0.4087,
0.4176


197.6794, 0.3639,
0.3771

 18.0721, 0.4217,
0.4290

241.2769, 0.3607,
0.3741

 11.0017, 0.4381,
0.4431

290.8549, 0.3578,
0.3715

 6.0680, 0.4589,
0.4600

346.7978, 0.3553,

 2.8865, 0.5027,

0.3691

0.4973

409.4900, 0.3530,
0.3670

■ 1.0728, 0.5087,
0.4913

■ 0.0000, 1.0000,
0.0000

■ 75.4072, 0.3828,
0.3944

■ 75.4072, 0.3828,
0.3944

■ 70.0740, 0.4042,
0.4108

■ 81.1661, 0.3623,
0.3771

■ 65.1548, 0.4260,
0.4253

■ 87.3684, 0.3433,
0.3597

■ 60.6319, 0.4472,
0.4367

■ 94.0259, 0.3260,
0.3427

■ 56.4871, 0.4667,
0.4438

100.0000, 0.3127,
0.3290

■ 52.6991, 0.4834,
0.4459

■ 49.2399, 0.4969,
0.4428

■ 48.7207, 0.4988,
0.4421

Harmonies

Analogous

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



75.4072, 0.3980, 0.3666



75.4072, 0.3828, 0.3944



75.4072, 0.3489, 0.4062

Triad

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



75.4072, 0.3828, 0.3944



75.4072, 0.2419, 0.3181



75.4072, 0.3142, 0.2740

Complementary

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



75.4072, 0.3828, 0.3944



51.6549, 0.2478, 0.2530

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.



75.4072, 0.2736, 0.2609



75.4072, 0.3828, 0.3944



75.4072, 0.2341, 0.2831

Square

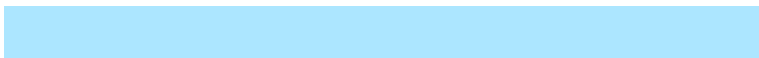
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4072, 0.3828, 0.3944



75.4072, 0.2678, 0.3602



75.4072, 0.2452, 0.2635



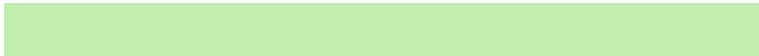
75.4072, 0.3571, 0.2994

Rectangle

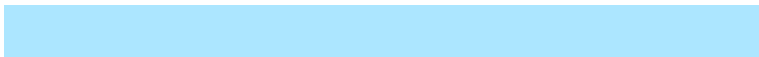
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4072, 0.3828, 0.3944



75.4072, 0.3210, 0.4010



75.4072, 0.2452, 0.2635



75.4072, 0.2998, 0.2681

Sweetspot

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



75.4060, 0.3828, 0.3944



91.5951, 0.3320, 0.3487



49.1515, 0.3745, 0.2934



19.4180, 0.3342, 0.3509



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.



75.4060, 0.3828, 0.3944



71.3303, 0.3990, 0.4070



92.5326, 0.3605, 0.4282



19.9673, 0.3278, 0.3445



25.7476, 0.4972, 0.4434



2.7114, 0.4860, 0.4523

Inverse Universe

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



51.6549, 0.2478, 0.2530



44.5988, 0.2342, 0.2348



40.0739, 0.2517, 0.2143



18.4084, 0.2979, 0.3130



7.7115, 0.1642, 0.1111



0.9458, 0.1704, 0.1335

Previews

White Background



This preview shows how the Yxy color 75.4072, 0.3828, 0.3944 looks on a white background.

Color Contrast Check

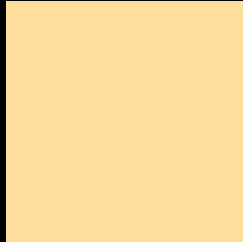
Large Text (above 18pt) WCAG AA × Fail

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 75.4072, 0.3828, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

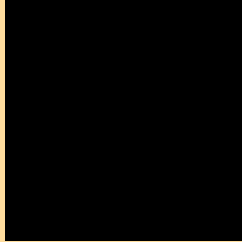
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4072, 0.3828, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 75.4072, 0.3828, 0.3944.

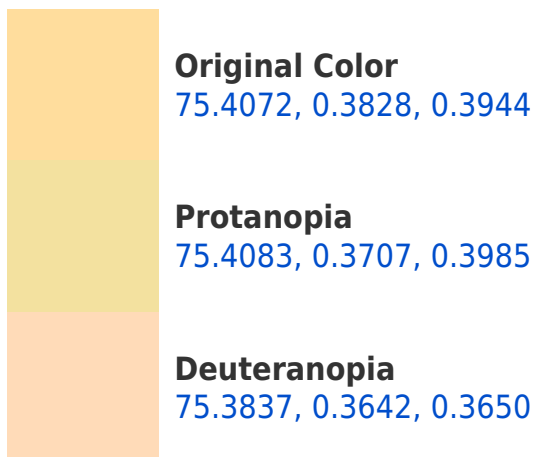


This preview shows how white text looks on a background with the Yxy color 75.4072, 0.3828, 0.3944.

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

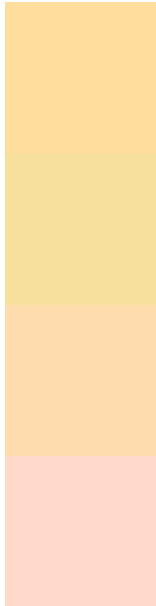




Tritanopia

75.4623, 0.3331, 0.3160

Trichromacy



Original Color

75.4072, 0.3828, 0.3944

Protanomaly

75.5541, 0.3748, 0.3978

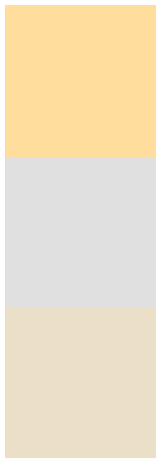
Deuteranomaly

75.5024, 0.3711, 0.3763

Tritanomaly

75.1500, 0.3516, 0.3444

Monochromacy



Original Color

75.4072, 0.3828, 0.3944

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6077, 0.3369, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4072, 0.3828, 0.3944 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, 221, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 157)  
}
```

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, 221, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 157) }
```

Border

The CSS property to change the border of an element to Yxy 75.4072, 0.3828, 0.3944 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, 221, 157) }
```

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

```
.border{ border-color:rgb(255, 221, 157) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4072, 0.3828, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 157) }
```

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

```
.background{ background-color: rgb(255,  
221, 157) }
```

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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