

Converting Colors

$Y_{xy}(100.0000, 0.4584, 0.3736)$

Have a look what the booklet for
Yxy(100.0000, 0.4584, 0.3736)
contains.

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Color

Yxy(74.3917, 0.3828, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB9E
RGB	255, 219, 158
RGB Percent	100%, 86%, 62%
CMY	0.0001, 0.1411, 0.3803
CMYK	0.00, 0.14, 0.38, 0.00
HSL	38°, 100%, 81%
HSV	38°, 38%, 100%
XYZ	72.7386, 74.3917, 42.8869
YIQ	222.8100, 41.0370, -11.3390

Conversions

Conversions Part 2

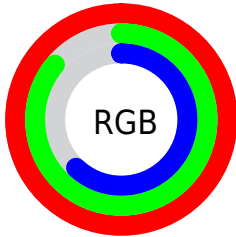
Format	Color
R _Y B	215, 255, 158
Decimal	16767902
CIE Lab	89.11, 4.30, 34.61
CIE LCh	89, 34.879, 82.922
Yxy	74.3917, 0.3828, 0.3915
Android (android.graphics.Color)	4294957982 (0xFFFFDB9E)
YUV	222.8100, -31.9513, 28.2306
Hunter-Lab	86.2506, -0.4025, 30.8943

Details

The Yxy color $74.3917, 0.3828, 0.3915$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $53.0721, 0.2490, 0.2568$, and the grayscale version is $73.8614, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5841, 0.3376, 0.3701$, and $39.4618, 0.3987, 0.4045$ is the 20% darker color. If you saturate the color by 10%, you get $68.8097, 0.4048, 0.4074$, and if you desaturate by 10%, it is $80.4433, 0.3620, 0.3747$.

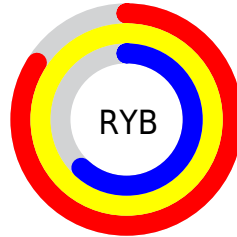
Distribution



Red (100%)

Green (86%)

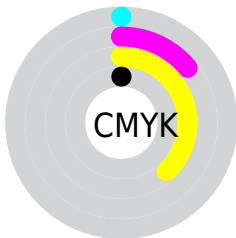
Blue (62%)



Red (84%)

Yellow (100%)

Blue (62%)

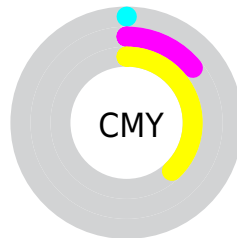


Cyan (0%)

Magenta (14%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3917, 0.3828, 0.3915 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 74.3917, 0.3828, 0.3915 by changing the saturation by 10% instead.


 74.3917, 0.3828,
0.3915


 74.3917, 0.3828,
0.3915


475.8242, 0.3508,
0.3635

 55.1147, 0.3899,
0.3976


 125.4509, 0.3719,
0.3820

 39.4936, 0.3985,
0.4049


 158.0019, 0.3675,
0.3783

 27.1439, 0.4091,
0.4137


195.7464, 0.3638,
0.3750

 17.6813, 0.4224,
0.4246

239.0686, 0.3606,
0.3721

 10.7214, 0.4394,
0.4381

288.3532, 0.3577,
0.3696

 5.8798, 0.4611,
0.4543

343.9843, 0.3551,

 2.7722, 0.5083,

0.3673

0.4917

406.3465, 0.3528,
0.3653

■ 1.0140, 0.5165,
0.4835

■ 0.0000, 1.0000,
0.0000

■ 74.3917, 0.3828,
0.3915

■ 74.3917, 0.3828,
0.3915

■ 68.8097, 0.4048,
0.4074

■ 80.4433, 0.3620,
0.3747

■ 63.6708, 0.4275,
0.4215

■ 86.9689, 0.3428,
0.3579

■ 58.9613, 0.4497,
0.4326

■ 93.9860, 0.3254,
0.3415

■ 54.6619, 0.4704,
0.4395

99.9954, 0.3127,
0.3290

■ 50.7506, 0.4884,
0.4412

■ 47.1994, 0.5029,
0.4378

■ 46.5322, 0.5056,
0.4367

Harmonies

Analogous

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



74.3917, 0.3961, 0.3637



74.3917, 0.3828, 0.3915



74.3917, 0.3507, 0.4042

Triad

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



74.3917, 0.3828, 0.3915



74.3917, 0.2447, 0.3210



74.3917, 0.3114, 0.2740

Complementary

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



74.3917, 0.3828, 0.3915



53.0721, 0.2490, 0.2568

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.



74.3917, 0.2722, 0.2621



74.3917, 0.3828, 0.3915



74.3917, 0.2358, 0.2861

Square

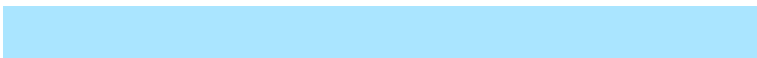
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3917, 0.3828, 0.3915



74.3917, 0.2711, 0.3621



74.3917, 0.2455, 0.2657



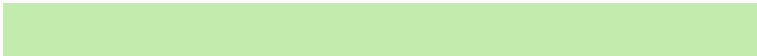
74.3917, 0.3535, 0.2982

Rectangle

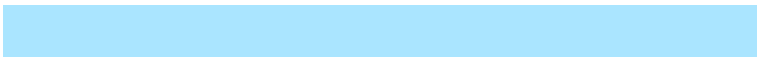
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3917, 0.3828, 0.3915



74.3917, 0.3236, 0.4002



74.3917, 0.2455, 0.2657



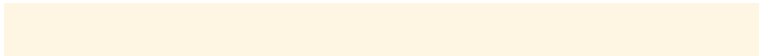
74.3917, 0.2974, 0.2684

Sweetspot

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



74.3952, 0.3828, 0.3915



91.8630, 0.3304, 0.3463



49.6692, 0.3704, 0.2905



19.4568, 0.3327, 0.3485



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.



74.3952, 0.3828, 0.3915



69.9167, 0.4003, 0.4043



93.1475, 0.3622, 0.4264



19.8915, 0.3278, 0.3439



24.6149, 0.5038, 0.4382



2.6060, 0.4916, 0.4479

Inverse Universe

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



53.0721, 0.2490, 0.2568



45.7325, 0.2348, 0.2384



40.1563, 0.2501, 0.2150



18.4814, 0.2979, 0.3136



8.2723, 0.1660, 0.1176



1.0062, 0.1722, 0.1400

Previews

White Background



This preview shows how the Yxy color 74.3917, 0.3828, 0.3915 looks on a white background.

Color Contrast Check

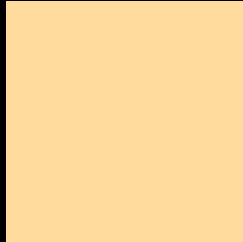
Large Text (above 18pt) WCAG AA × Fail

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 74.3917, 0.3828, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

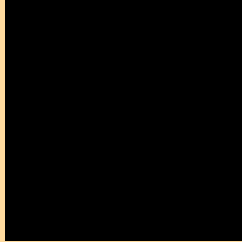
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3917, 0.3828, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 74.3917, 0.3828, 0.3915.

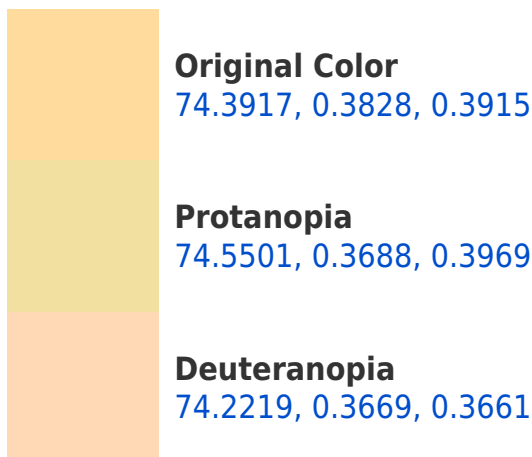


This preview shows how white text looks on a background with the Yxy color 74.3917, 0.3828, 0.3915.

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

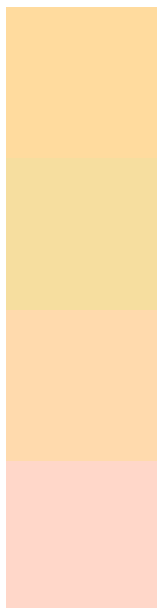




Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.3917, 0.3828, 0.3915

Protanomaly

74.3386, 0.3741, 0.3951

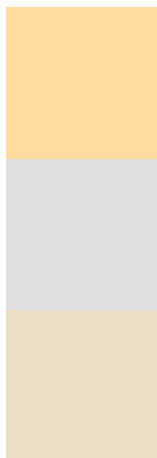
Deuteranomaly

74.4199, 0.3725, 0.3753

Tritanomaly

74.0779, 0.3527, 0.3434

Monochromacy



Original Color

74.3917, 0.3828, 0.3915

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 74.3917, 0.3828, 0.3915 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 158) }
```

Border

The CSS property to change the border of an element to Yxy 74.3917, 0.3828, 0.3915 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, 158) }
```

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

```
.border{ border-color:rgb(255, 219, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3917, 0.3828, 0.3915 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
219, 158) }
```

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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