

Converting Colors

$Y_{xy}(81.1389, 0.4028, 0.3727)$

Have a look what the booklet for
Yxy(81.1389, 0.4028, 0.3727)
contains.

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Color

Yxy(73.7880, 0.3750, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9AA
RGB	255, 217, 170
RGB Percent	100%, 85%, 67%
CMY	0.0000, 0.1490, 0.3333
CMYK	0.00, 0.15, 0.33, 0.00
HSL	33°, 100%, 83%
HSV	33°, 33%, 100%
XYZ	73.3188, 73.7880, 48.4099
YIQ	223.0040, 37.7350, -6.5610

Conversions

Conversions Part 2

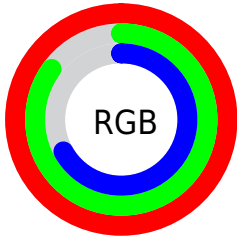
Format	Color
R _Y B	239, 255, 170
Decimal	16767402
CIE Lab	88.82, 6.74, 28.08
CIE LCh	89, 28.878, 76.504
Yxy	73.7880, 0.3750, 0.3774
Android (android.graphics.Color)	4294957482 (0xFFFFD9AA)
YUV	223.0040, -26.1310, 28.0605
Hunter-Lab	85.8999, 2.0314, 26.7164

Details

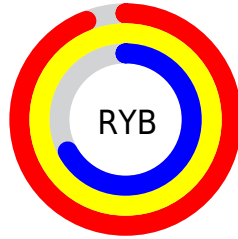
The Yxy color **73.7880, 0.3750, 0.3774** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.8843, 0.2583, 0.2750**, and the grayscale version is **73.9602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **38.9953, 0.3898, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **67.2345, 0.3982, 0.3921**, and if you desaturate by 10%, it is **80.9278, 0.3538, 0.3624**.

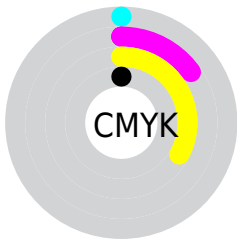
Distribution



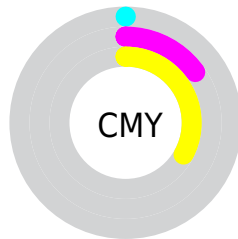
- Red (100%)
- Green (85%)
- Blue (67%)



- Red (94%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7880, 0.3750, 0.3774 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 73.7880, 0.3750, 0.3774 by changing the saturation by 10% instead.


 73.7880, 0.3750,
0.3774

 73.7880, 0.3750,
0.3774


473.7414, 0.3463,
0.3557

 54.6205, 0.3815,
0.3821


 124.5952, 0.3651,
0.3700

 39.0980, 0.3894,
0.3878


157.0038, 0.3612,
0.3671

 26.8360, 0.3993,
0.3948


194.5949, 0.3579,
0.3646

 17.4501, 0.4120,
0.4036

237.7528, 0.3550,
0.3624

 10.5559, 0.4287,
0.4145

286.8620, 0.3524,
0.3604

 5.7691, 0.4513,
0.4284

342.3069, 0.3501,

 2.7052, 0.4935,

0.3587

0.4551

404.4719, 0.3481,
0.3571

0.9798, 0.5331,
0.4669

0.0000, 1.0000,
0.0000

73.7880, 0.3750,
0.3774

73.7880, 0.3750,
0.3774

67.2345, 0.3982,
0.3921

80.9278, 0.3538,
0.3624

61.2590, 0.4230,
0.4055

88.6823, 0.3347,
0.3476

55.8374, 0.4486,
0.4166

97.0651, 0.3179,
0.3335

50.9476, 0.4737,
0.4240

100.0000, 0.3127,
0.3290

■ 46.5650, 0.4968,
0.4265

■ 42.6614, 0.5166,
0.4236

■ 40.3014, 0.5278,
0.4191

Harmonies

Analogous

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



73.7880, 0.3816, 0.3529



73.7880, 0.3750, 0.3774



73.7880, 0.3513, 0.3905

Triad

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



73.7880, 0.3750, 0.3774



73.7880, 0.2595, 0.3300



73.7880, 0.3043, 0.2795

Complementary

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



73.7880, 0.3750, 0.3774



60.8843, 0.2583, 0.2750

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.



73.7880, 0.2731, 0.2723



73.7880, 0.3750, 0.3774



73.7880, 0.2484, 0.2991

Square

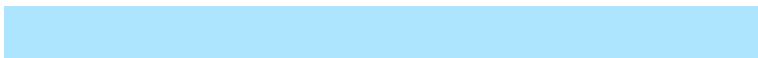
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7880, 0.3750, 0.3774



73.7880, 0.2845, 0.3629



73.7880, 0.2532, 0.2787



73.7880, 0.3396, 0.2981

Rectangle

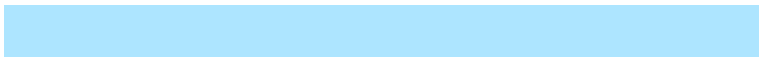
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7880, 0.3750, 0.3774



73.7880, 0.3296, 0.3896



73.7880, 0.2532, 0.2787



73.7880, 0.2930, 0.2757

Sweetspot

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



73.7845, 0.3750, 0.3774



91.4043, 0.3289, 0.3428



54.5778, 0.3557, 0.2896



19.3167, 0.3313, 0.3449



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.



73.7845, 0.3750, 0.3774



69.3518, 0.3903, 0.3873



94.8853, 0.3603, 0.4133



19.6522, 0.3280, 0.3421



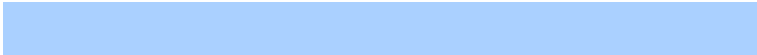
21.3611, 0.5256, 0.4209



2.2980, 0.5101, 0.4332

Inverse Universe

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



60.8843, 0.2583, 0.2750



54.6605, 0.2470, 0.2620



44.9993, 0.2553, 0.2301



18.7151, 0.2979, 0.3155



10.3520, 0.1723, 0.1402



1.2221, 0.1783, 0.1620

Previews

White Background



This preview shows how the Yxy color 73.7880, 0.3750, 0.3774 looks on a white background.

Color Contrast Check

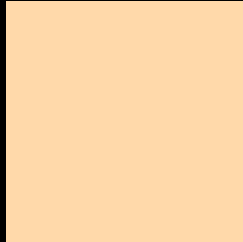
Large Text (above 18pt) WCAG AA × Fail

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 73.7880, 0.3750, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

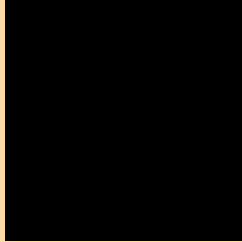
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7880, 0.3750, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 73.7880, 0.3750, 0.3774.



This preview shows how white text looks on a background with the Yxy color 73.7880, 0.3750, 0.3774.

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

73.7880, 0.3750, 0.3774

Protanopia

73.9696, 0.3579, 0.3826

Deuteranopia

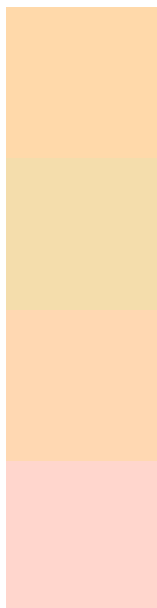
73.7906, 0.3658, 0.3630



Tritanopia

73.7832, 0.3356, 0.3160

Trichromacy



Original Color

73.7880, 0.3750, 0.3774

Protanomaly

73.9246, 0.3638, 0.3808

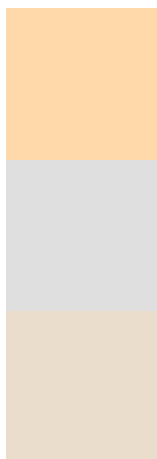
Deuteranomaly

73.5861, 0.3694, 0.3682

Tritanomaly

73.7609, 0.3500, 0.3383

Monochromacy



Original Color

73.7880, 0.3750, 0.3774

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7347, 0.3344, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7880, 0.3750, 0.3774 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, 217, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 170)  
}
```

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, 217, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 170) }
```

Border

The CSS property to change the border of an element to Yxy 73.7880, 0.3750, 0.3774 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, 217, 170) }
```

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

```
.border{ border-color:rgb(255, 217, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7880, 0.3750, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 170) }
```

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

```
.background{ background-color: rgb(255,  
217, 170) }
```

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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