

Converting Colors

$Y_{xy}(72.9735, 0.3890, 0.3969)$

Have a look what the booklet for
Yxy(72.9735, 0.3890, 0.3969)
contains.

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Color

Yxy(73.0877, 0.3892, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	FFD996
RGB	255, 217, 150
RGB Percent	100%, 85%, 59%
CMY	0.0002, 0.1489, 0.4118
CMYK	0.00, 0.15, 0.41, 0.00
HSL	38°, 100%, 79%
HSV	38°, 41%, 100%
XYZ	71.5436, 73.0877, 39.1909
YIQ	220.7240, 44.1550, -12.7810

Conversions

Conversions Part 2

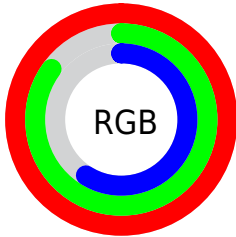
Format	Color
R _Y B	210, 255, 150
Decimal	16767382
CIE Lab	88.49, 4.44, 37.89
CIE LCh	88, 38.147, 83.312
Yxy	73.0877, 0.3892, 0.3976
Android (android.graphics.Color)	4294957462 (0xFFFFD996)
YUV	220.7240, -34.8669, 30.0601
Hunter-Lab	85.4913, -0.2318, 32.6643

Details

The Yxy color **73.0877, 0.3892, 0.3976** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.6350, 0.2432, 0.2484**, and the grayscale version is **72.3275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **38.5928, 0.4070, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **67.7389, 0.4112, 0.4133**, and if you desaturate by 10%, it is **78.8872, 0.3681, 0.3808**.

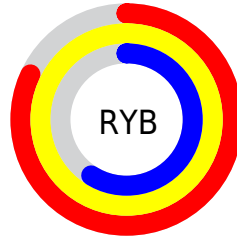
Distribution



Red (100%)

Green (85%)

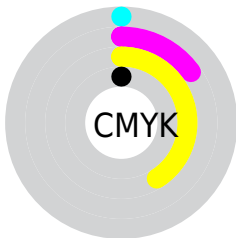
Blue (59%)



Red (82%)

Yellow (100%)

Blue (59%)

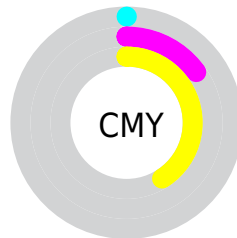


Cyan (0%)

Magenta (15%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0877, 0.3892, 0.3976 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 73.0877, 0.3892, 0.3976 by changing the saturation by 10% instead.


 73.0877, 0.3892,
0.3976

 73.0877, 0.3892,
0.3976


471.3187, 0.3543,
0.3669

 54.0477, 0.3969,
0.4042


 123.6017, 0.3773,
0.3873

 38.6398, 0.4062,
0.4121


 155.8445, 0.3726,
0.3831

 26.4796, 0.4176,
0.4216


193.2569, 0.3685,
0.3795

 17.1828, 0.4317,
0.4331

236.2235, 0.3650,
0.3764

 10.3649, 0.4495,
0.4471

285.1286, 0.3618,
0.3736

 5.6416, 0.4719,
0.4635

340.3565, 0.3590,

 2.6284, 0.5094,

0.3711

0.4906

402.2918, 0.3565,
0.3689

■ 0.9410, 0.5182,
0.4818

■ 0.0000, 0.0000,
0.0000

■ 73.0877, 0.3892,
0.3976

■ 73.0877, 0.3892,
0.3976

■ 67.7389, 0.4112,
0.4133

■ 78.8872, 0.3681,
0.3808

■ 62.8145, 0.4335,
0.4268

■ 85.1418, 0.3485,
0.3637

■ 58.3004, 0.4550,
0.4368

■ 91.8690, 0.3306,
0.3469

■ 54.1772, 0.4744,
0.4423

■ 99.0819, 0.3145,
0.3308

■ 50.4220, 0.4909,
0.4426

99.9900, 0.3127,
0.3290

■ 47.3814, 0.5029,
0.4389

Harmonies

Analogous

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



73.0877, 0.4044, 0.3669



73.0877, 0.3892, 0.3976



73.0877, 0.3535, 0.4120

Triad

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



73.0877, 0.3892, 0.3976



73.0877, 0.2381, 0.3193



73.0877, 0.3117, 0.2692

Complementary

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



73.0877, 0.3892, 0.3976



49.6350, 0.2432, 0.2484

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.



73.0877, 0.2687, 0.2561



73.0877, 0.3892, 0.3976



73.0877, 0.2287, 0.2812

Square

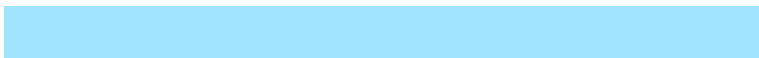
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0877, 0.3892, 0.3976



73.0877, 0.2665, 0.3649



73.0877, 0.2395, 0.2595



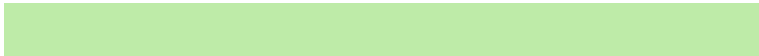
73.0877, 0.3580, 0.2956

Rectangle

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



73.0877, 0.3892, 0.3976



73.0877, 0.3237, 0.4076



73.0877, 0.2395, 0.2595



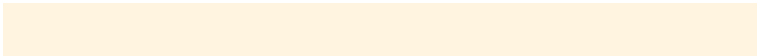
73.0877, 0.2963, 0.2632

Sweetspot

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



73.0911, 0.3892, 0.3976



91.3305, 0.3320, 0.3482



46.7152, 0.3790, 0.2891



19.3556, 0.3343, 0.3504



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.



73.0911, 0.3892, 0.3976



68.8919, 0.4064, 0.4100



92.3814, 0.3648, 0.4348



19.9219, 0.3278, 0.3441



25.0628, 0.5011, 0.4403



2.6478, 0.4893, 0.4497

Inverse Universe

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



49.6350, 0.2432, 0.2484



42.7079, 0.2293, 0.2297



36.9221, 0.2451, 0.2045



18.4521, 0.2979, 0.3134



8.0421, 0.1653, 0.1149



0.9815, 0.1715, 0.1374

Previews

White Background



This preview shows how the Yxy color 73.0877, 0.3892, 0.3976 looks on a white background.

Color Contrast Check

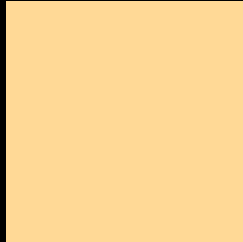
Large Text (above 18pt) WCAG AA × Fail

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 73.0877, 0.3892, 0.3976 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 73.0877, 0.3892, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 73.0877, 0.3892, 0.3976.



This preview shows how white text looks on a background with the Yxy color 73.0877, 0.3892, 0.3976.

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

73.0877, 0.3892, 0.3976

Protanopia

73.0348, 0.3742, 0.4035

Deuteranopia

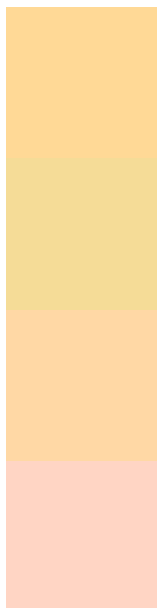
72.9169, 0.3727, 0.3713



Tritanopia

73.1762, 0.3372, 0.3170

Trichromacy



Original Color

73.0877, 0.3892, 0.3976

Protanomaly

72.8332, 0.3795, 0.4016

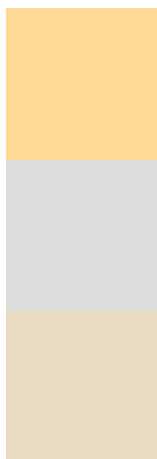
Deuteranomaly

73.0883, 0.3789, 0.3816

Tritanomaly

72.8340, 0.3569, 0.3466

Monochromacy



Original Color

73.0877, 0.3892, 0.3976

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4502, 0.3393, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0877, 0.3892, 0.3976 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 150) }
```

Border

The CSS property to change the border of an element to Yxy 73.0877, 0.3892, 0.3976 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, 150) }
```

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

```
.border{ border-color:rgb(255, 217, 150) }
```

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, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
150) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.0877, 0.3892, 0.3976$ 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
217, 150) }
```

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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