

Converting Colors

$Y_{xy}(71.2009, 0.3828, 0.3880)$

Have a look what the booklet for
Yxy(71.2009, 0.3828, 0.3880)
contains.

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Color

Yxy(71.2229, 0.3831, 0.3883)

Conversions

Conversions Part 1

Format	Color
Hex	FCD69D
RGB	252, 214, 157
RGB Percent	99%, 84%, 62%
CMY	0.0119, 0.1607, 0.3844
CMYK	0.00, 0.15, 0.38, 0.01
HSL	36°, 94%, 80%
HSV	36°, 38%, 99%
XYZ	70.2691, 71.2229, 41.9304
YIQ	218.8640, 40.9450, -9.6710

Conversions

Conversions Part 2

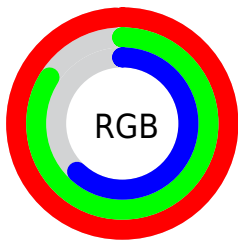
Format	Color
R_{YB}	220, 252, 157
Decimal	16570013
CIE Lab	87.59, 5.59, 33.10
CIE LCh	88, 33.570, 80.416
Yxy	71.2229, 0.3831, 0.3883
Android (android.graphics.Color)	4294760093 (0xFFFC69D)
YUV	218.8640, -30.4990, 29.0603
Hunter-Lab	84.3937, 0.9364, 29.6178

Details

The Yxy color **71.2229, 0.3831, 0.3883** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1936, 0.2501, 0.2610**, and the grayscale version is **70.9326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **37.2855, 0.3996, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **65.5122, 0.4058, 0.4036**, and if you desaturate by 10%, it is **77.4327, 0.3618, 0.3722**.

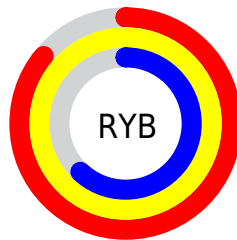
Distribution



Red (99%)

Green (84%)

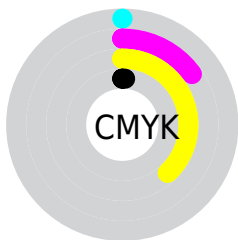
Blue (62%)



Red (86%)

Yellow (99%)

Blue (62%)

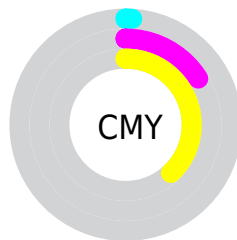


Cyan (0%)

Magenta (15%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (16%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2229, 0.3831, 0.3883 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 71.2229, 0.3831, 0.3883 by changing the saturation by 10% instead.


 71.2229, 0.3831,
0.3883


 71.2229, 0.3831,
0.3883


464.8323, 0.3506,
0.3616

 52.5241, 0.3904,
0.3941


 120.9511, 0.3719,
0.3792

 37.4230, 0.3993,
0.4011


 152.7492, 0.3675,
0.3757

 25.5352, 0.4103,
0.4096


189.6826, 0.3638,
0.3725

 16.4762, 0.4242,
0.4201

232.1357, 0.3605,
0.3698

 9.8618, 0.4423,
0.4331

280.4928, 0.3576,
0.3674

 5.3074, 0.4657,
0.4487

335.1383, 0.3550,

 2.4287, 0.5157,

0.3652

0.4843

396.4567, 0.3527,
0.3633

0.8406, 0.5276,
0.4724

0.0000, 0.0000,
0.0000

71.2229, 0.3831,
0.3883

71.2229, 0.3831,
0.3883

65.5122, 0.4058,
0.4036

77.4327, 0.3618,
0.3722

60.2741, 0.4294,
0.4172

84.1472, 0.3424,
0.3561

55.4939, 0.4528,
0.4278

91.3844, 0.3249,
0.3405

51.1516, 0.4750,
0.4343

98.9788, 0.3109,
0.3283

■ 47.2249, 0.4944,
0.4356

99.4310, 0.3108,
0.3290

■ 43.6856, 0.5104,
0.4316

■ 42.9190, 0.5138,
0.4303

Harmonies

Analogous

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



71.2229, 0.3942, 0.3604



71.2229, 0.3831, 0.3883



71.2229, 0.3530, 0.4022

Triad

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



71.2229, 0.3831, 0.3883



71.2229, 0.2478, 0.3246



71.2229, 0.3080, 0.2737

Complementary

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



71.2229, 0.3831, 0.3883



53.1936, 0.2501, 0.2610

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.



71.2229, 0.2704, 0.2632



71.2229, 0.3831, 0.3883



71.2229, 0.2375, 0.2895

Square

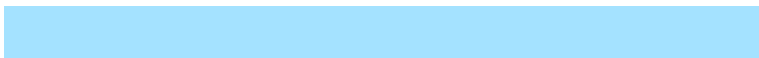
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2229, 0.3831, 0.3883



71.2229, 0.2749, 0.3644



71.2229, 0.2455, 0.2682



71.2229, 0.3493, 0.2965

Rectangle

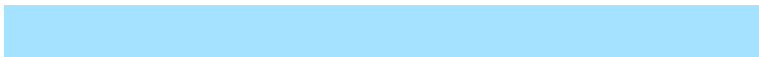
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2229, 0.3831, 0.3883



71.2229, 0.3268, 0.3995



71.2229, 0.2455, 0.2682



71.2229, 0.2945, 0.2686

Sweetspot

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



71.2262, 0.3831, 0.3883



91.3796, 0.3305, 0.3456



48.7358, 0.3681, 0.2892



19.3415, 0.3328, 0.3477



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.



71.2262, 0.3831, 0.3883



68.8351, 0.3996, 0.3997



91.0011, 0.3629, 0.4252



18.9589, 0.3279, 0.3432



22.6580, 0.5118, 0.4319



2.3059, 0.4977, 0.4430

Inverse Universe

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



53.1936, 0.2501, 0.2610



47.9775, 0.2373, 0.2449



39.2910, 0.2497, 0.2159



17.7812, 0.2979, 0.3144



8.7476, 0.1683, 0.1259



1.0112, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 71.2229, 0.3831, 0.3883 looks on a white background.

Color Contrast Check

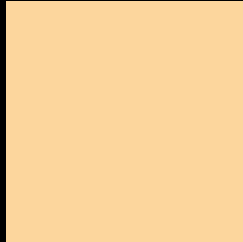
Large Text (above 18pt) WCAG AA × Fail

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 71.2229, 0.3831, 0.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

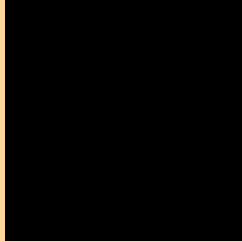
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2229, 0.3831, 0.3883

Background



This preview shows how black text looks on a background with the Yxy color 71.2229, 0.3831, 0.3883.



This preview shows how white text looks on a background with the Yxy color 71.2229, 0.3831, 0.3883.

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

71.2229, 0.3831, 0.3883

Protanopia

71.5225, 0.3669, 0.3950

Deuteranopia

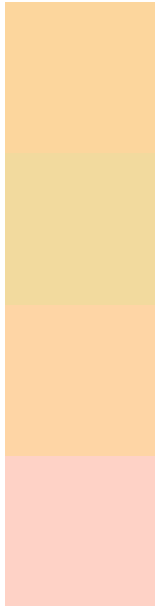
71.2115, 0.3774, 0.3735



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

71.2229, 0.3831, 0.3883

Protanomaly

71.4887, 0.3730, 0.3930

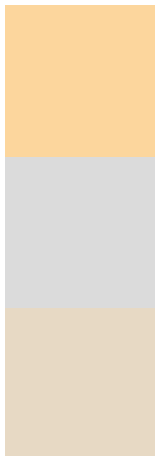
Deuteranomaly

71.3759, 0.3792, 0.3788

Tritanomaly

71.2412, 0.3552, 0.3415

Monochromacy



Original Color

71.2229, 0.3831, 0.3883

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6002, 0.3376, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2229, 0.3831, 0.3883 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(252, 214, 157)` looks like.

```
.text, #text, p{  
    color:rgb(252, 214, 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(252, 214, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 214, 157) }
```

Border

The CSS property to change the border of an element to Yxy 71.2229, 0.3831, 0.3883 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(252, 214, 157) }
```

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

```
.border{ border-color:rgb(252, 214, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 214, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 214, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 214, 157);  
box-shadow:4px 4px 4px 4px rgb(252, 214,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2229, 0.3831, 0.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 214, 157) }
```

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

```
.background{ background-color: rgb(252,  
214, 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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