

Converting Colors

$Yxy(73.8428, 0.3484, 0.3434)$

Have a look what the booklet for
Yxy(73.8428, 0.3484, 0.3434)
contains.

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Color

Yxy(73.8852, 0.3487, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	FBD8CA
RGB	251, 216, 202
RGB Percent	98%, 85%, 79%
CMY	0.0157, 0.1529, 0.2077
CMYK	0.00, 0.14, 0.20, 0.02
HSL	17°, 86%, 89%
HSV	17°, 20%, 98%
XYZ	75.0037, 73.8852, 66.2063
YIQ	224.8690, 25.3540, 3.0660

Conversions

Conversions Part 2

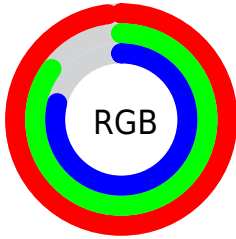
Format	Color
R _Y B	251, 222, 202
Decimal	16505034
CIE Lab	88.87, 10.03, 11.37
CIE LCh	89, 15.160, 48.589
Yxy	73.8852, 0.3487, 0.3435
Android (android.graphics.Color)	4294695114 (0xFFFB8CA)
YUV	224.8690, -11.2744, 22.9169
Hunter-Lab	85.9565, 5.3312, 14.5026

Details

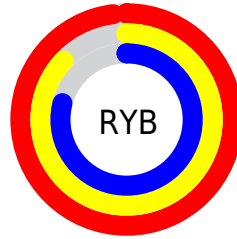
The Yxy color **73.8852, 0.3487, 0.3435** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.1152, 0.2825, 0.3140**, and the grayscale version is **75.2685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0972, 0.3574, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **64.0978, 0.3724, 0.3515**, and if you desaturate by 10%, it is **84.8764, 0.3287, 0.3358**.

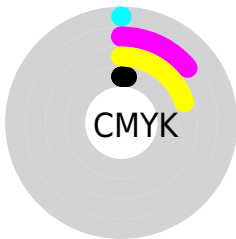
Distribution



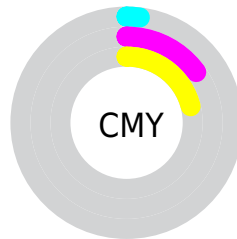
- Red (98%)
- Green (85%)
- Blue (79%)



- Red (98%)
- Yellow (87%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8852, 0.3487, 0.3435 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 73.8852, 0.3487, 0.3435 by changing the saturation by 10% instead.


 73.8852, 0.3487,
0.3435

 73.8852, 0.3487,
0.3435


474.0771, 0.3320,
0.3371

 54.7001, 0.3525,
0.3449

124.7331, 0.3429,
0.3413

 39.1616, 0.3573,
0.3466


157.1646, 0.3406,
0.3404

 26.8855, 0.3633,
0.3487


194.7804, 0.3387,
0.3397

 17.4873, 0.3712,
0.3514

237.9648, 0.3370,
0.3390

 10.5825, 0.3820,
0.3548

287.1023, 0.3355,
0.3385

 5.7868, 0.3976,
0.3595

342.5773, 0.3342,

 2.7159, 0.4219,

0.3379

0.3657

404.7740, 0.3330,
0.3375

0.9853, 0.4930,
0.3966

0.0000, 1.0000,
0.0000

73.8852, 0.3487,
0.3435

73.8852, 0.3487,
0.3435

64.0978, 0.3724,
0.3515

84.8764, 0.3287,
0.3358

55.4626, 0.4003,
0.3594

97.1007, 0.3120,
0.3287

47.9393, 0.4325,
0.3666

99.2496, 0.3102,
0.3290

41.4809, 0.4684,
0.3724

■ 36.0372, 0.5065,
0.3755

■ 31.5533, 0.5438,
0.3747

■ 27.9687, 0.5766,
0.3693

■ 25.2089, 0.6017,
0.3600

■ 25.0921, 0.6029,
0.3595

Harmonies

Analogous

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



73.8852, 0.3425, 0.3281



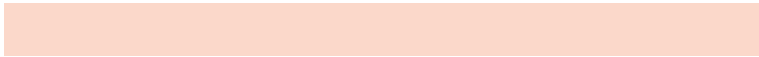
73.8852, 0.3487, 0.3435



73.8852, 0.3449, 0.3557

Triad

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



73.8852, 0.3487, 0.3435



73.8852, 0.2970, 0.3454



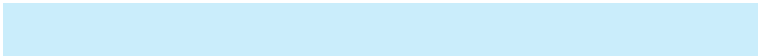
73.8852, 0.2928, 0.2984

Complementary

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



73.8852, 0.3487, 0.3435



80.1152, 0.2825, 0.3140

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.



73.8852, 0.2813, 0.3020



73.8852, 0.3487, 0.3435



73.8852, 0.2837, 0.3288

Square

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



73.8852, 0.3487, 0.3435



73.8852, 0.3147, 0.3574



73.8852, 0.2780, 0.3129



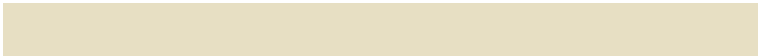
73.8852, 0.3099, 0.3026

Rectangle

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



73.8852, 0.3487, 0.3435



73.8852, 0.3373, 0.3602



73.8852, 0.2780, 0.3129



73.8852, 0.2882, 0.2987

Sweetspot

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



73.8885, 0.3487, 0.3435



92.2734, 0.3225, 0.3333



68.8892, 0.3249, 0.2936



19.5763, 0.3236, 0.3337



0.0000, 0.0000, 0.0000



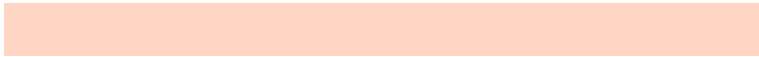
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8885, 0.3487, 0.3435



72.8898, 0.3566, 0.3463



87.3270, 0.3441, 0.3677



18.0314, 0.3287, 0.3358



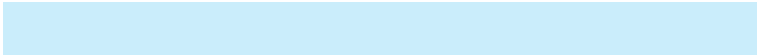
13.4025, 0.6000, 0.3618



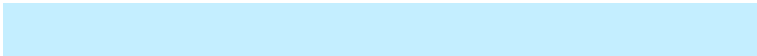
1.4137, 0.5768, 0.3802

Inverse Universe

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



80.1152, 0.2825, 0.3140



80.3096, 0.2771, 0.3110



66.9367, 0.2809, 0.2871



18.7228, 0.2980, 0.3221



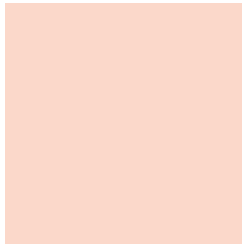
20.9544, 0.1981, 0.2333



2.1214, 0.2017, 0.2461

Previews

White Background



This preview shows how the Yxy color 73.8852, 0.3487, 0.3435 looks on a white background.

Color Contrast Check

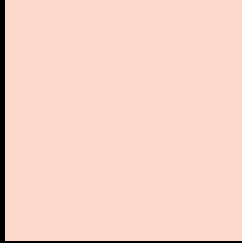
Large Text (above 18pt) WCAG AA × Fail

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 73.8852, 0.3487, 0.3435 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

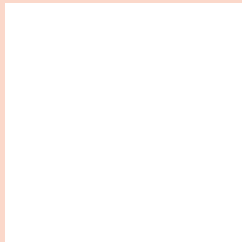
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8852, 0.3487, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 73.8852, 0.3487, 0.3435.

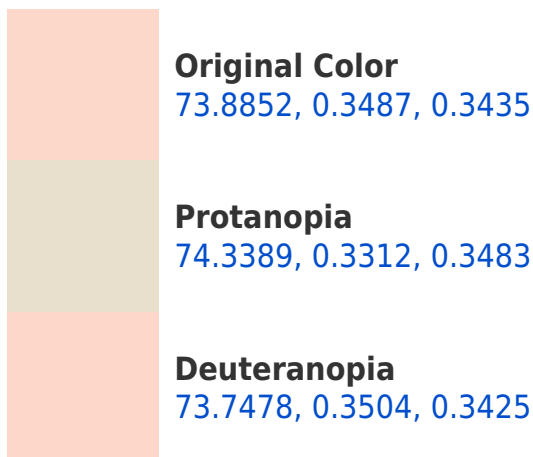


This preview shows how white text looks on a background with the Yxy color 73.8852, 0.3487, 0.3435.

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

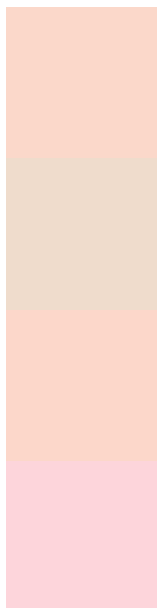




Tritanopia

73.8149, 0.3320, 0.3120

Trichromacy



Original Color

73.8852, 0.3487, 0.3435

Protanomaly

73.8968, 0.3375, 0.3460

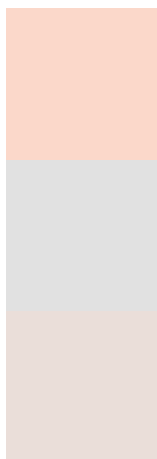
Deuteranomaly

73.5606, 0.3497, 0.3425

Tritanomaly

73.5856, 0.3384, 0.3230

Monochromacy



Original Color

73.8852, 0.3487, 0.3435

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7447, 0.3246, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8852, 0.3487, 0.3435 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(251, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(251, 216, 202)  
}
```

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(251, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 216, 202) }
```

Border

The CSS property to change the border of an element to Yxy 73.8852, 0.3487, 0.3435 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(251, 216, 202) }
```

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

```
.border{ border-color:rgb(251, 216, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 216, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 216,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8852, 0.3487, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 216, 202) }
```

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

```
.background{ background-color: rgb(251,  
216, 202) }
```

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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