

Converting Colors

$Y_{xy}(73.5058, 0.3503, 0.3487)$

Have a look what the booklet for
Yxy(73.5058, 0.3503, 0.3487)
contains.

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Color

Yxy(73.3287, 0.3501, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	F9D8C6
RGB	249, 216, 198
RGB Percent	98%, 85%, 78%
CMY	0.0236, 0.1529, 0.2235
CMYK	0.00, 0.13, 0.20, 0.02
HSL	21°, 81%, 88%
HSV	21°, 20%, 98%
XYZ	73.8136, 73.3287, 63.6935
YIQ	223.8150, 25.4460, 1.3980

Conversions

Conversions Part 2

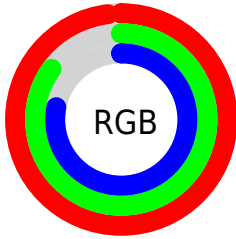
Format	Color
RYB	249, 226, 198
Decimal	16373958
CIELab	88.60, 8.71, 13.09
CIELCh	89, 15.719, 56.357
Yxy	73.3287, 0.3501, 0.3478
Android (android.graphics.Color)	4294564038 (0xFFFF9D8C6)
YUV	223.8150, -12.7268, 22.0872
Hunter-Lab	85.6322, 4.0079, 15.8424

Details

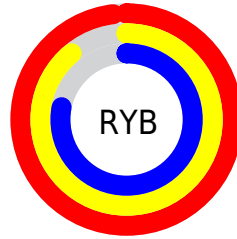
The Yxy color **73.3287, 0.3501, 0.3478** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9914, 0.2808, 0.3094**, and the grayscale version is **74.4829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7098, 0.3592, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **64.4224, 0.3733, 0.3576**, and if you desaturate by 10%, it is **83.2396, 0.3303, 0.3383**.

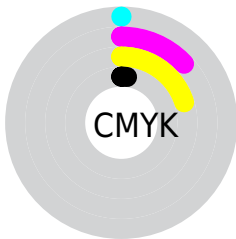
Distribution



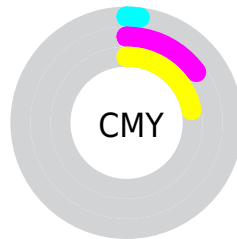
- Red (98%)
- Green (85%)
- Blue (78%)



- Red (98%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (2%)




- Cyan (2%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3287, 0.3501, 0.3478 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 73.3287, 0.3501, 0.3478 by changing the saturation by 10% instead.

 73.3287, 0.3501,
0.3478

 73.3287, 0.3501,
0.3478


472.1532, 0.3327,
0.3394

 54.2448, 0.3541,
0.3497

123.9437, 0.3440,
0.3449

 38.7974, 0.3590,
0.3519


156.2436, 0.3417,
0.3438

 26.6021, 0.3653,
0.3547


193.7176, 0.3397,
0.3428

 17.2746, 0.3735,
0.3583

236.7502, 0.3379,
0.3419

 10.4305, 0.3847,
0.3630

285.7256, 0.3364,
0.3412

 5.6853, 0.4009,
0.3693

341.0283, 0.3350,

 2.6547, 0.4260,

0.3405

0.3781

403.0427, 0.3338,
0.3399

0.9542, 0.5163,
0.4287

0.0000, 1.0000,
0.0000

73.3287, 0.3501,
0.3478

73.3287, 0.3501,
0.3478

64.4224, 0.3733,
0.3576

83.2396, 0.3303,
0.3383

56.4784, 0.4001,
0.3673

94.1759, 0.3134,
0.3294

49.4656, 0.4305,
0.3762

98.8779, 0.3090,
0.3290

43.3478, 0.4639,
0.3834

■ 38.0858, 0.4988,
0.3876

■ 33.6371, 0.5328,
0.3875

■ 29.9545, 0.5628,
0.3823

■ 27.1035, 0.5857,
0.3731

Harmonies

Analogous

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



73.3287, 0.3463, 0.3323



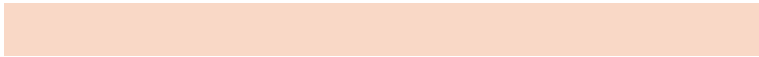
73.3287, 0.3501, 0.3478



73.3287, 0.3435, 0.3590

Triad

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



73.3287, 0.3501, 0.3478



73.3287, 0.2921, 0.3418



73.3287, 0.2962, 0.2976

Complementary

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



73.3287, 0.3501, 0.3478



75.9914, 0.2808, 0.3094

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.



73.3287, 0.2825, 0.2992



73.3287, 0.3501, 0.3478



73.3287, 0.2802, 0.3242

Square

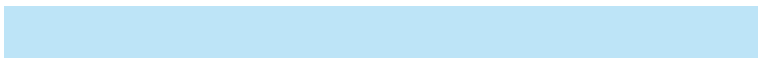
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3287, 0.3501, 0.3478



73.3287, 0.3098, 0.3560



73.3287, 0.2767, 0.3087



73.3287, 0.3148, 0.3040

Rectangle

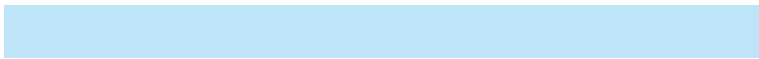
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3287, 0.3501, 0.3478



73.3287, 0.3343, 0.3622



73.3287, 0.2767, 0.3087



73.3287, 0.2909, 0.2972

Sweetspot

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



73.3320, 0.3501, 0.3478



92.9002, 0.3224, 0.3343



66.3076, 0.3281, 0.2952



19.7242, 0.3235, 0.3349



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.



73.3320, 0.3501, 0.3478



73.0041, 0.3602, 0.3522



87.3292, 0.3451, 0.3729



18.2278, 0.3285, 0.3374



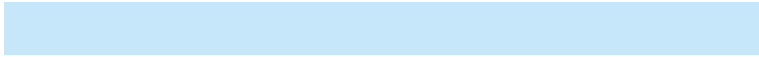
14.7507, 0.5828, 0.3754



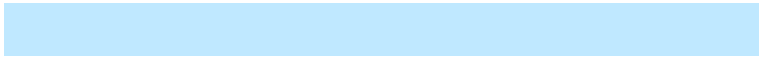
1.5574, 0.5600, 0.3935

Inverse Universe

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



75.9914, 0.2808, 0.3094



76.3186, 0.2737, 0.3045



62.8227, 0.2789, 0.2809



18.5168, 0.2980, 0.3204



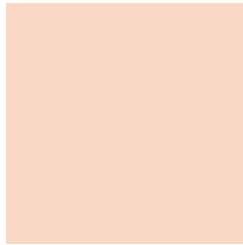
17.5978, 0.1914, 0.2089



1.8292, 0.1958, 0.2249

Previews

White Background



This preview shows how the Yxy color 73.3287, 0.3501, 0.3478 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 73.3287, 0.3501, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

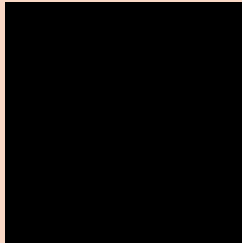
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3287, 0.3501, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 73.3287, 0.3501, 0.3478.

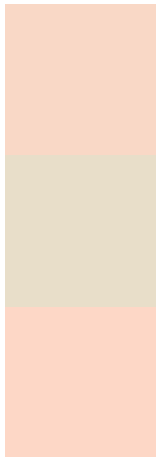


This preview shows how white text looks on a background with the Yxy color 73.3287, 0.3501, 0.3478.

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

73.3287, 0.3501, 0.3478

Protanopia

73.6154, 0.3341, 0.3517

Deuteranopia

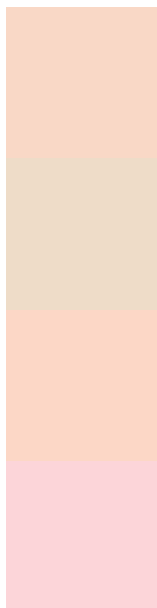
73.5607, 0.3534, 0.3466



Tritanopia

73.5711, 0.3320, 0.3129

Trichromacy



Original Color

73.3287, 0.3501, 0.3478

Protanomaly

73.5337, 0.3396, 0.3503

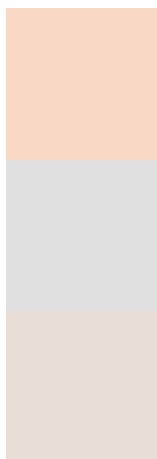
Deuteranomaly

73.3735, 0.3526, 0.3466

Tritanomaly

73.2937, 0.3391, 0.3250

Monochromacy



Original Color

73.3287, 0.3501, 0.3478

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9428, 0.3254, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3287, 0.3501, 0.3478 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(249, 216, 198)` looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 198)  
}
```

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(249, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 198) }
```

Border

The CSS property to change the border of an element to Yxy 73.3287, 0.3501, 0.3478 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(249, 216, 198) }
```

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

```
.border{ border-color:rgb(249, 216, 198) }
```

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

Here you see how a box with a 4 pixel rgb(249, 216, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3287, 0.3501, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 198) }
```

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

```
.background{ background-color: rgb(249,  
216, 198) }
```

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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