

Converting Colors

$Yxy(73.0316, 0.3412, 0.3414)$

Have a look what the booklet for
Yxy(73.0316, 0.3412, 0.3414)
contains.

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Color

Yxy(73.2666, 0.3411, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	F4D9CD
RGB	244, 217, 205
RGB Percent	96%, 85%, 80%
CMY	0.0429, 0.1491, 0.1960
CMYK	0.00, 0.11, 0.16, 0.04
HSL	18°, 64%, 88%
HSV	18°, 16%, 96%
XYZ	73.1594, 73.2666, 68.0547
YIQ	223.7050, 19.9440, 1.9920

Conversions

Conversions Part 2

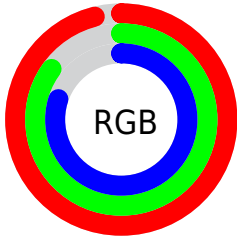
Format	Color
RYB	244, 222, 205
Decimal	16046541
CIELab	88.57, 7.47, 9.30
CIElCh	89, 11.932, 51.217
Yxy	73.2666, 0.3411, 0.3416
Android (android.graphics.Color)	4294236621 (0xFFF4D9CD)
YUV	223.7050, -9.2216, 17.7987
Hunter-Lab	85.5959, 2.7722, 12.7775

Details

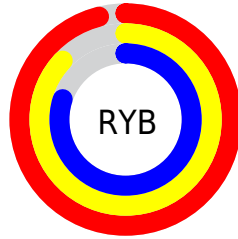
The Yxy color **73.2666, 0.3411, 0.3416** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2901, 0.2879, 0.3161**, and the grayscale version is **74.3836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6398, 0.3472, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **63.8978, 0.3632, 0.3500**, and if you desaturate by 10%, it is **83.7212, 0.3225, 0.3336**.

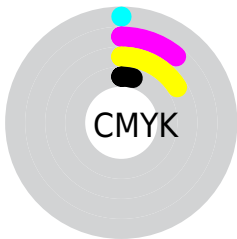
Distribution



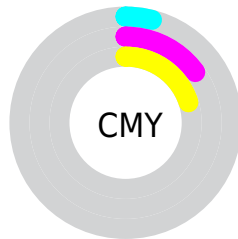
- Red (96%)
- Green (85%)
- Blue (80%)



- Red (96%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2666, 0.3411, 0.3416 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 73.2666, 0.3411, 0.3416 by changing the saturation by 10% instead.


 73.2666, 0.3411,
0.3416

 73.2666, 0.3411,
0.3416


471.9383, 0.3279,
0.3359

 54.1940, 0.3441,
0.3429


123.8556, 0.3365,
0.3397

 38.7568, 0.3479,
0.3444


156.1408, 0.3347,
0.3389

 26.5706, 0.3527,
0.3463


193.5990, 0.3332,
0.3382

 17.2510, 0.3589,
0.3488

236.6145, 0.3319,
0.3377

 10.4136, 0.3675,
0.3520

285.5718, 0.3307,
0.3371

 5.6740, 0.3799,
0.3565

340.8553, 0.3296,

 2.6479, 0.3995,

0.3367

0.3629

402.8493, 0.3287,
0.3363

0.9508, 0.4539,
0.3892

0.0000, 1.0000,
0.0000

73.2666, 0.3411,
0.3416

73.2666, 0.3411,
0.3416

63.8978, 0.3632,
0.3500

83.7212, 0.3225,
0.3336

55.5695, 0.3892,
0.3586

95.2853, 0.3068,
0.3261

48.2477, 0.4192,
0.3667

97.9851, 0.3060,
0.3290

41.8927, 0.4531,
0.3737

■ 36.4620, 0.4896,
0.3783

■ 31.9098, 0.5266,
0.3794

■ 28.1855, 0.5607,
0.3759

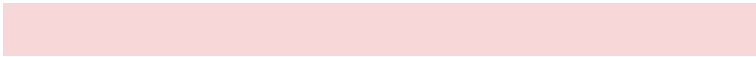
■ 25.2322, 0.5883,
0.3677

■ 24.2458, 0.5976,
0.3637

Harmonies

Analogous

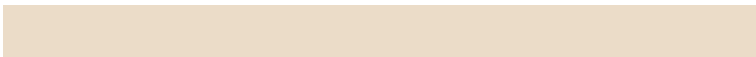
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2666, 0.3369, 0.3295



73.2666, 0.3411, 0.3416



73.2666, 0.3375, 0.3508

Triad

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



73.2666, 0.3411, 0.3416



73.2666, 0.2992, 0.3408



73.2666, 0.2981, 0.3048

Complementary

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



73.2666, 0.3411, 0.3416



77.2901, 0.2879, 0.3161

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.



73.2666, 0.2884, 0.3072



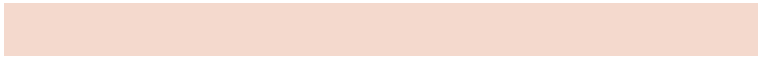
73.2666, 0.3411, 0.3416



73.2666, 0.2891, 0.3278

Square

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



73.2666, 0.3411, 0.3416



73.2666, 0.3131, 0.3507



73.2666, 0.2852, 0.3154



73.2666, 0.3118, 0.3086

Rectangle

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



73.2666, 0.3411, 0.3416



73.2666, 0.3311, 0.3538



73.2666, 0.2852, 0.3154



73.2666, 0.2943, 0.3049

Sweetspot

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



73.2699, 0.3411, 0.3416



93.6922, 0.3208, 0.3328



68.7632, 0.3228, 0.3009



19.8696, 0.3220, 0.3333



0.0000, 0.0000, 0.0000



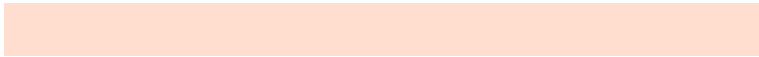
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2699, 0.3411, 0.3416



77.6633, 0.3474, 0.3441



83.7932, 0.3380, 0.3611



17.3104, 0.3286, 0.3363



13.3867, 0.5947, 0.3660



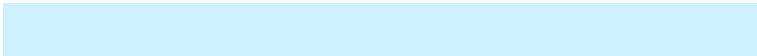
1.3507, 0.5703, 0.3854

Inverse Universe

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



77.2901, 0.2879, 0.3161



82.8338, 0.2832, 0.3134



67.0201, 0.2870, 0.2947



17.8509, 0.2980, 0.3216



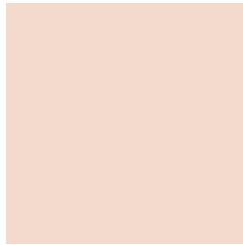
19.2849, 0.1961, 0.2258



1.8762, 0.2001, 0.2403

Previews

White Background



This preview shows how the Yxy color 73.2666, 0.3411, 0.3416 looks on a white background.

Color Contrast Check

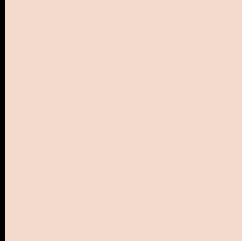
Large Text (above 18pt) WCAG AA × Fail

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 73.2666, 0.3411, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

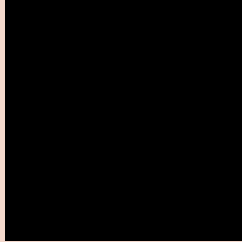
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2666, 0.3411, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 73.2666, 0.3411, 0.3416.

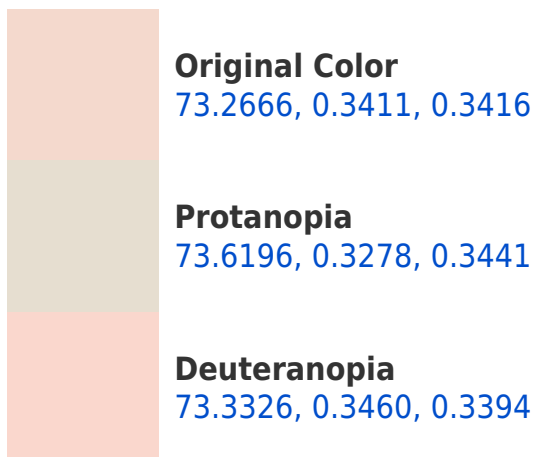


This preview shows how white text looks on a background with the Yxy color 73.2666, 0.3411, 0.3416.

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

73.0758, 0.3260, 0.3117

Trichromacy



Original Color

73.2666, 0.3411, 0.3416

Protanomaly

73.3536, 0.3325, 0.3429

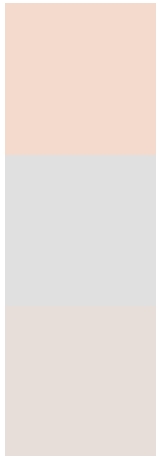
Deuteranomaly

73.4760, 0.3443, 0.3405

Tritanomaly

72.9064, 0.3315, 0.3218

Monochromacy



Original Color

73.2666, 0.3411, 0.3416

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7116, 0.3226, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2666, 0.3411, 0.3416 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(244, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 205)  
}
```

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(244, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 205) }
```

Border

The CSS property to change the border of an element to Yxy 73.2666, 0.3411, 0.3416 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(244, 217, 205) }
```

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

```
.border{ border-color:rgb(244, 217, 205) }
```

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

Here you see how a box with a 4 pixel rgb(244, 217, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2666, 0.3411, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 205) }
```

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

```
.background{ background-color: rgb(244,  
217, 205) }
```

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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