

Converting Colors

$Y_{xy}(71.4173, 0.3396, 0.3284)$

Have a look what the booklet for
Yxy(71.4173, 0.3396, 0.3284)
contains.

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Color

Yxy(71.2985, 0.3400, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F8D3D4
RGB	248, 211, 212
RGB Percent	97%, 83%, 83%
CMY	0.0272, 0.1726, 0.1685
CMYK	0.00, 0.15, 0.15, 0.03
HSL	358°, 73%, 90%
HSV	358°, 15%, 97%
XYZ	73.9070, 71.2985, 72.1680
YIQ	222.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

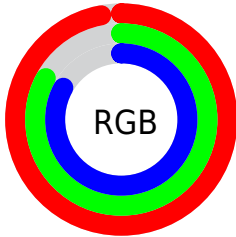
Format	Color
R _Y B	248, 211, 212
Decimal	16307156
CIE Lab	87.63, 13.10, 4.29
CIE LCh	88, 13.788, 18.146
Yxy	71.2985, 0.3400, 0.3280
Android (android.graphics.Color)	4294497236 (0xFFFF8D3D4)
YUV	222.1770, -5.0173, 22.6468
Hunter-Lab	84.4384, 8.4696, 8.4328

Details

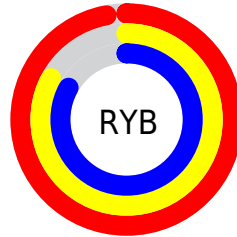
The Yxy color **71.2985, 0.3400, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7344, 0.2905, 0.3300**, and the grayscale version is **73.2095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2876, 0.3469, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **58.7866, 0.3641, 0.3273**, and if you desaturate by 10%, it is **85.9002, 0.3207, 0.3287**.

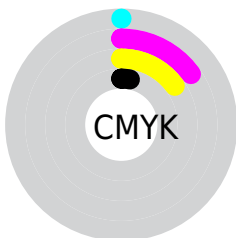
Distribution



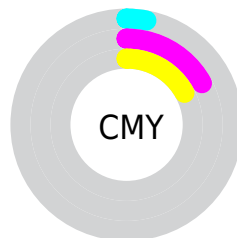
- Red (97%)
- Green (83%)
- Blue (83%)



- Red (97%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2985, 0.3400, 0.3280 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 71.2985, 0.3400, 0.3280 by changing the saturation by 10% instead.


 71.2985, 0.3400,
0.3280

 71.2985, 0.3400,
0.3280


465.0962, 0.3273,
0.3286

 52.5858, 0.3429,
0.3278

121.0587, 0.3356,
0.3282

 37.4722, 0.3466,
0.3276


152.8749, 0.3338,
0.3283

 25.5733, 0.3512,
0.3273


189.8279, 0.3324,
0.3284

 16.5047, 0.3574,
0.3269

232.3019, 0.3311,
0.3284

 9.8820, 0.3658,
0.3262

280.6813, 0.3299,
0.3285

 5.3208, 0.3782,
0.3251

335.3506, 0.3289,

 2.4367, 0.3979,

0.3285

0.3229

396.6941, 0.3281,
0.3286

0.8447, 0.4410,
0.3225

0.0000, 1.0000,
0.0000

71.2985, 0.3400,
0.3280

71.2985, 0.3400,
0.3280

58.7866, 0.3641,
0.3273

85.9002, 0.3207,
0.3287

48.2600, 0.3941,
0.3266

98.7074, 0.3084,
0.3290

39.6195, 0.4306,
0.3260

32.7537, 0.4735,
0.3256

■ 27.5396, 0.5207,
0.3256

■ 23.8382, 0.5675,
0.3261

■ 21.4881, 0.6066,
0.3271

■ 20.2910, 0.6313,
0.3285

■ 19.9826, 0.6380,
0.3288

Harmonies

Analogous

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



71.2985, 0.3267, 0.3144



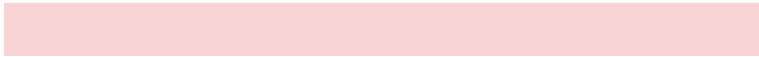
71.2985, 0.3400, 0.3280



71.2985, 0.3458, 0.3422

Triad

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



71.2985, 0.3400, 0.3280



71.2985, 0.3148, 0.3552



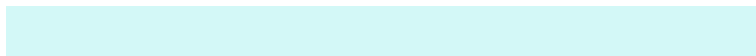
71.2985, 0.2837, 0.3042

Complementary

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



71.2985, 0.3400, 0.3280



87.7344, 0.2905, 0.3300

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.



71.2985, 0.2808, 0.3144



71.2985, 0.3400, 0.3280



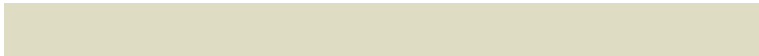
71.2985, 0.2984, 0.3443

Square

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



71.2985, 0.3400, 0.3280



71.2985, 0.3310, 0.3585



71.2985, 0.2861, 0.3291



71.2985, 0.2942, 0.3008

Rectangle

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



71.2985, 0.3400, 0.3280



71.2985, 0.3445, 0.3503



71.2985, 0.2861, 0.3291



71.2985, 0.2818, 0.3069

Sweetspot

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



71.3017, 0.3400, 0.3280



93.0417, 0.3192, 0.3287



73.1029, 0.3136, 0.2919



19.6436, 0.3204, 0.3287



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.



71.3017, 0.3400, 0.3280



71.5825, 0.3469, 0.3278



80.3134, 0.3381, 0.3468



17.2331, 0.3290, 0.3284



10.7921, 0.6372, 0.3284



1.0022, 0.6301, 0.3245

Inverse Universe

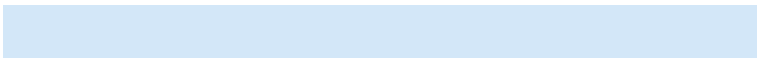
The Inverse Universe completely reimagines the original color for something new.



71.3017, 0.3400, 0.3280



71.5825, 0.3469, 0.3278



77.6431, 0.2893, 0.3106



17.2331, 0.3290, 0.3284



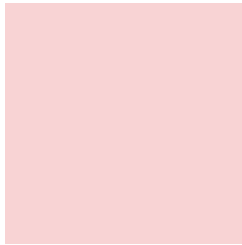
10.7921, 0.6372, 0.3284



1.0022, 0.6301, 0.3245

Previews

White Background



This preview shows how the Yxy color 71.2985, 0.3400, 0.3280 looks on a white background.

Color Contrast Check

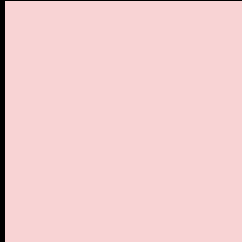
Large Text (above 18pt) WCAG AA × Fail

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 71.2985, 0.3400, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

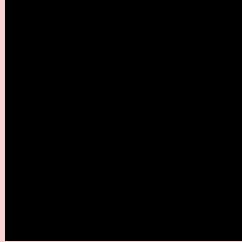
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2985, 0.3400, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 71.2985, 0.3400, 0.3280.

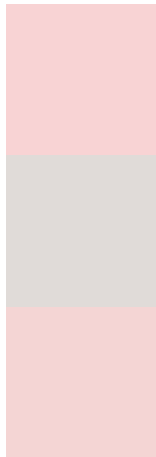


This preview shows how white text looks on a background with the Yxy color 71.2985, 0.3400, 0.3280.

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

71.2985, 0.3400, 0.3280

Protanopia

71.4682, 0.3183, 0.3323

Deuteranopia

71.5751, 0.3366, 0.3301



Tritanopia

71.3612, 0.3322, 0.3127

Trichromacy



Original Color

71.2985, 0.3400, 0.3280

Protanomaly

71.3417, 0.3259, 0.3301

Deuteranomaly

71.2529, 0.3375, 0.3291

Tritanomaly

71.4002, 0.3350, 0.3188

Monochromacy



Original Color

71.2985, 0.3400, 0.3280

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.1937, 0.3221, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2985, 0.3400, 0.3280 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(248, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 212)  
}
```

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(248, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 212) }
```

Border

The CSS property to change the border of an element to Yxy 71.2985, 0.3400, 0.3280 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(248, 211, 212) }
```

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

```
.border{ border-color:rgb(248, 211, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2985, 0.3400, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 212) }
```

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

```
.background{ background-color: rgb(248,  
211, 212) }
```

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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