

Converting Colors

$Y_{xy}(71.6660, 0.3415, 0.3281)$

Have a look what the booklet for
Yxy(71.6660, 0.3415, 0.3281)
contains.

Yxy(71.6660, 0.3415, 0.3281)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.6660, 0.3415, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FAD3D4
RGB	250, 211, 212
RGB Percent	98%, 83%, 83%
CMY	0.0197, 0.1725, 0.1687
CMYK	0.00, 0.16, 0.15, 0.02
HSL	359°, 80%, 90%
HSV	359°, 16%, 98%
XYZ	74.5929, 71.6660, 72.1684
YIQ	222.7750, 22.9230, 8.5790

Conversions

Conversions Part 2

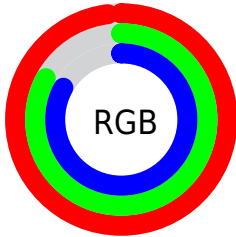
Format	Color
R _Y B	250, 211, 212
Decimal	16438228
CIE Lab	87.81, 13.75, 4.60
CIE LCh	88, 14.503, 18.494
Yxy	71.6660, 0.3415, 0.3281
Android (android.graphics.Color)	4294628308 (0xFF FAD3D4)
YUV	222.7750, -5.3121, 23.8763
Hunter-Lab	84.6558, 9.1345, 8.7148

Details

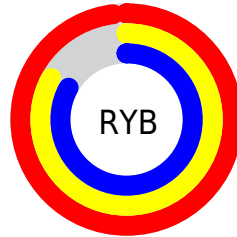
The Yxy color **71.6660, 0.3415, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0498, 0.2895, 0.3299**, and the grayscale version is **73.6496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5487, 0.3489, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **59.0590, 0.3661, 0.3275**, and if you desaturate by 10%, it is **86.3966, 0.3219, 0.3287**.

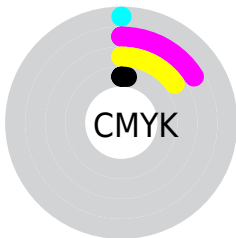
Distribution



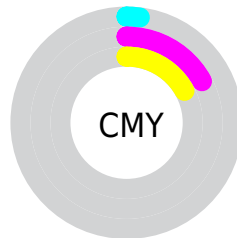
- Red (98%)
- Green (83%)
- Blue (83%)



- Red (98%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6660, 0.3415, 0.3281 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 71.6660, 0.3415, 0.3281 by changing the saturation by 10% instead.


 71.6660, 0.3415,
0.3281

 71.6660, 0.3415,
0.3281


466.3782, 0.3281,
0.3287

 52.8859, 0.3446,
0.3279


121.5816, 0.3368,
0.3283

 37.7117, 0.3484,
0.3277


153.4858, 0.3350,
0.3284

 25.7590, 0.3533,
0.3274


190.5335, 0.3334,
0.3285

 16.6434, 0.3598,
0.3270

233.1091, 0.3321,
0.3285

 9.9806, 0.3687,
0.3263

281.5970, 0.3309,
0.3286

 5.3861, 0.3816,
0.3252

336.3815, 0.3298,

 2.4755, 0.4023,

0.3286

0.3229

397.8471, 0.3289,
0.3286

0.8643, 0.4468,
0.3223

0.0000, 1.0000,
0.0000

71.6660, 0.3415,
0.3281

71.6660, 0.3415,
0.3281

59.0590, 0.3661,
0.3275

86.3966, 0.3219,
0.3287

48.4688, 0.3966,
0.3269

99.0598, 0.3096,
0.3290

39.7937, 0.4337,
0.3264

32.9192, 0.4771,
0.3261

■ 27.7189, 0.5247,
0.3261

■ 24.0499, 0.5712,
0.3266

■ 21.7456, 0.6094,
0.3276

■ 20.6001, 0.6327,
0.3288

■ 20.3332, 0.6383,
0.3290

Harmonies

Analogous

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



71.6660, 0.3276, 0.3138



71.6660, 0.3415, 0.3281



71.6660, 0.3475, 0.3430

Triad

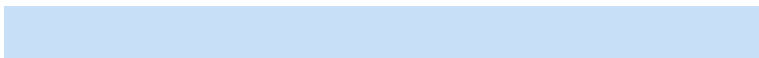
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6660, 0.3415, 0.3281



71.6660, 0.3147, 0.3564



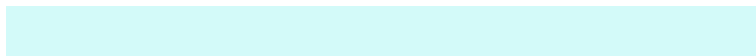
71.6660, 0.2823, 0.3029

Complementary

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



71.6660, 0.3415, 0.3281



89.0498, 0.2895, 0.3299

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.



71.6660, 0.2792, 0.3135



71.6660, 0.3415, 0.3281



71.6660, 0.2975, 0.3449

Square

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



71.6660, 0.3415, 0.3281



71.6660, 0.3317, 0.3600



71.6660, 0.2847, 0.3289



71.6660, 0.2935, 0.2994

Rectangle

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



71.6660, 0.3415, 0.3281



71.6660, 0.3461, 0.3514



71.6660, 0.2847, 0.3289



71.6660, 0.2803, 0.3057

Sweetspot

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



71.6692, 0.3415, 0.3281



91.3578, 0.3209, 0.3287



73.5789, 0.3136, 0.2902



19.3044, 0.3221, 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.



71.6692, 0.3415, 0.3281



70.2089, 0.3493, 0.3279



81.1727, 0.3393, 0.3476



17.2321, 0.3290, 0.3285



10.7906, 0.6376, 0.3286



1.0017, 0.6314, 0.3252

Inverse Universe

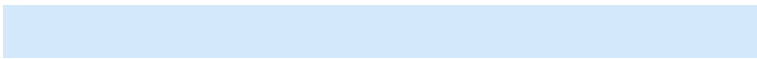
The Inverse Universe completely reimagines the original color for something new.



71.6692, 0.3415, 0.3281



70.2089, 0.3493, 0.3279



78.3508, 0.2883, 0.3097



17.2321, 0.3290, 0.3285



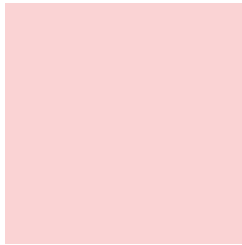
10.7906, 0.6376, 0.3286



1.0017, 0.6314, 0.3252

Previews

White Background



This preview shows how the Yxy color 71.6660, 0.3415, 0.3281 looks on a white background.

Color Contrast Check

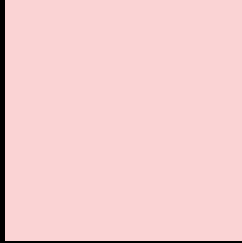
Large Text (above 18pt) WCAG AA × Fail

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 71.6660, 0.3415, 0.3281 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

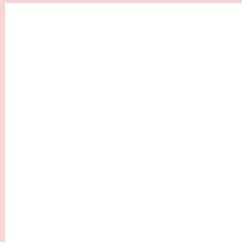
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6660, 0.3415, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 71.6660, 0.3415, 0.3281.

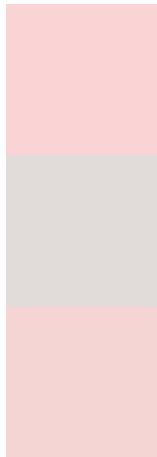


This preview shows how white text looks on a background with the Yxy color 71.6660, 0.3415, 0.3281.

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

71.6660, 0.3415, 0.3281

Protanopia

71.6803, 0.3184, 0.3312

Deuteranopia

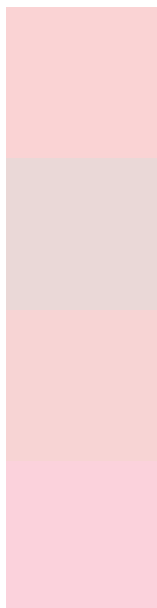
71.7544, 0.3374, 0.3301



Tritanopia

71.7326, 0.3338, 0.3128

Trichromacy



Original Color

71.6660, 0.3415, 0.3281

Protanomaly

71.5105, 0.3266, 0.3301

Deuteranomaly

71.6146, 0.3391, 0.3291

Tritanomaly

71.7697, 0.3365, 0.3189

Monochromacy



Original Color

71.6660, 0.3415, 0.3281

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1011, 0.3228, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6660, 0.3415, 0.3281 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(250, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 211, 212) }
```

Border

The CSS property to change the border of an element to Yxy 71.6660, 0.3415, 0.3281 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(250, 211, 212) }
```

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

```
.border{ border-color:rgb(250, 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(250, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(250, 211,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6660, 0.3415, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 211, 212) }
```

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

```
.background{ background-color: rgb(250,  
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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