

Converting Colors

Yxy(71.7686, 0.3334, 0.3188)

Have a look what the booklet for
Yxy(71.7686, 0.3334, 0.3188)
contains.

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Color

Yxy(71.7654, 0.3334, 0.3188)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8D3DD |
| RGB | 248, 211, 221 |
| RGB Percent | 97%, 83%, 87% |
| CMY | 0.0275, 0.1725, 0.1334 |
| CMYK | 0.00, 0.15, 0.11, 0.03 |
| HSL | 344°, 73%, 90% |
| HSV | 344°, 15%, 97% |
| XYZ | 75.0520, 71.7654, 78.2936 |
| YIQ | 223.2030, 18.8420, 10.9540 |

Conversions

Conversions Part 2

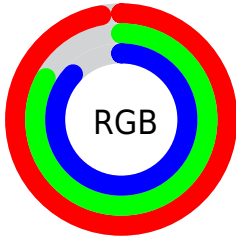
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 248, 211, 221 |
| Decimal | 16307165 |
| CIE _{Lab} | 87.86, 14.49, -0.12 |
| CIE _{LCh} | 88, 14.492, 359.537 |
| Yxy | 71.7654, 0.3334, 0.3188 |
| Android (android.graphics.Color) | 4294497245 (0xFFFF8D3DD) |
| YUV | 223.2030, -1.0861, 21.7470 |
| Hunter-Lab | 84.7145, 9.8902, 4.5039 |

Details

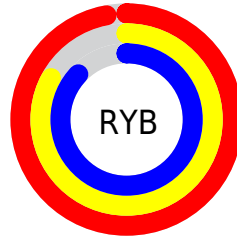
The Yxy color **71.7654, 0.3334, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.1521, 0.2955, 0.3395**, and the grayscale version is **73.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6065, 0.3381, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **59.4680, 0.3513, 0.3115**, and if you desaturate by 10%, it is **86.0740, 0.3188, 0.3258**.

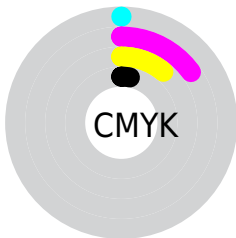
Distribution



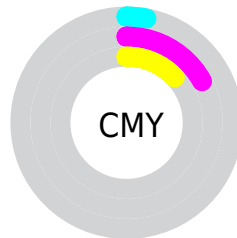
- Red (97%)
- Green (83%)
- Blue (87%)



- Red (97%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7654, 0.3334, 0.3188 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 71.7654, 0.3334, 0.3188 by changing the saturation by 10% instead.

 71.7654, 0.3334,
0.3188

 71.7654, 0.3334,
0.3188


466.7246, 0.3238,
0.3235

 52.9671, 0.3356,
0.3177


121.7229, 0.3301,
0.3204

 37.7765, 0.3383,
0.3164


153.6509, 0.3288,
0.3211

 25.8092, 0.3418,
0.3147


190.7242, 0.3276,
0.3216

 16.6810, 0.3463,
0.3124

233.3273, 0.3267,
0.3221

 10.0073, 0.3526,
0.3093

281.8444, 0.3258,
0.3225

 5.4038, 0.3616,
0.3049

336.6601, 0.3251,

 2.4861, 0.3760,

0.3229

0.2978

398.1587, 0.3244,
0.3232

0.8697, 0.4022,
0.2849

0.0000, 1.0000,
0.0000

71.7654, 0.3334,
0.3188

71.7654, 0.3334,
0.3188

59.4680, 0.3513,
0.3115

86.0740, 0.3188,
0.3258

49.0822, 0.3733,
0.3041

98.6943, 0.3084,
0.3290

40.5141, 0.3999,
0.2970

33.6580, 0.4312,
0.2910

■ 28.3973, 0.4669,
0.2871

■ 24.6008, 0.5052,
0.2865

■ 22.1161, 0.5431,
0.2900

■ 20.7561, 0.5764,
0.2980

■ 20.3585, 0.5910,
0.3029

Harmonies

Analogous

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



71.7654, 0.3166, 0.3067



71.7654, 0.3334, 0.3188



71.7654, 0.3447, 0.3337

Triad

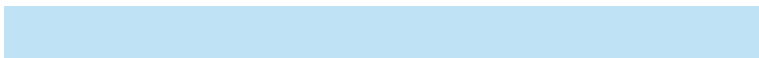
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7654, 0.3334, 0.3188



71.7654, 0.3257, 0.3597



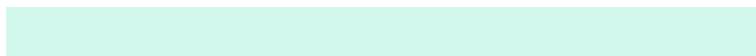
71.7654, 0.2794, 0.3089

Complementary

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



71.7654, 0.3334, 0.3188



87.1521, 0.2955, 0.3395

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.



71.7654, 0.2817, 0.3229



71.7654, 0.3334, 0.3188



71.7654, 0.3082, 0.3529

Square

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



71.7654, 0.3334, 0.3188



71.7654, 0.3401, 0.3576



71.7654, 0.2921, 0.3392



71.7654, 0.2856, 0.3008

Rectangle

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



71.7654, 0.3334, 0.3188



71.7654, 0.3475, 0.3435



71.7654, 0.2921, 0.3392



71.7654, 0.2792, 0.3130

Sweetspot

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



71.7686, 0.3334, 0.3188



93.1934, 0.3177, 0.3264



71.4638, 0.3070, 0.2912



19.6818, 0.3186, 0.3259



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

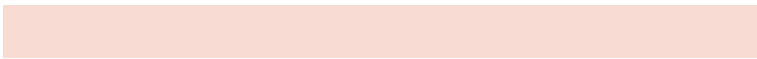
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7686, 0.3334, 0.3188



72.1563, 0.3386, 0.3166



75.3334, 0.3394, 0.3373



17.3021, 0.3251, 0.3226



11.0187, 0.5870, 0.3007



1.0374, 0.5535, 0.2823

Inverse Universe

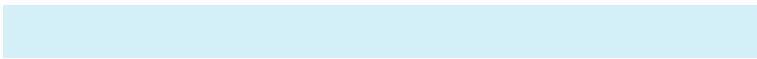
The Inverse Universe completely reimagines the original color for something new.



71.7686, 0.3334, 0.3188



72.1563, 0.3386, 0.3166



82.9338, 0.2897, 0.3205



17.3021, 0.3251, 0.3226



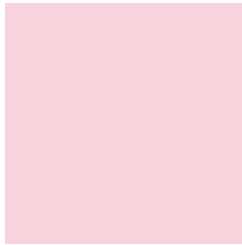
11.0187, 0.5870, 0.3007



1.0374, 0.5535, 0.2823

Previews

White Background



This preview shows how the Yxy color 71.7654, 0.3334, 0.3188 looks on a white background.

Color Contrast Check

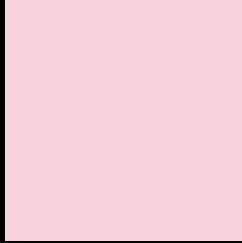
Large Text (above 18pt) WCAG AA × Fail

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 71.7654, 0.3334, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

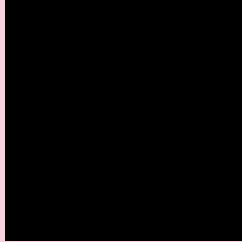
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7654, 0.3334, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 71.7654, 0.3334, 0.3188.

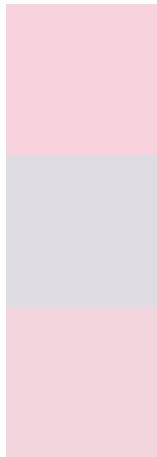


This preview shows how white text looks on a background with the Yxy color 71.7654, 0.3334, 0.3188.

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

71.7654, 0.3334, 0.3188

Protanopia

71.8420, 0.3109, 0.3215

Deuteranopia

71.6862, 0.3287, 0.3207



Tritanopia

71.7790, 0.3299, 0.3117

Trichromacy



Original Color

71.7654, 0.3334, 0.3188

Protanomaly

71.6494, 0.3189, 0.3205

Deuteranomaly

71.5405, 0.3303, 0.3197

Tritanomaly

71.6692, 0.3314, 0.3137

Monochromacy



Original Color

71.7654, 0.3334, 0.3188

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0928, 0.3201, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7654, 0.3334, 0.3188 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 221) }
```

Border

The CSS property to change the border of an element to Yxy 71.7654, 0.3334, 0.3188 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, 221) }
```

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

```
.border{ border-color:rgb(248, 211, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7654, 0.3334, 0.3188 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, 221) }
```

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

```
.background{ background-color: rgb(248,  
211, 221) }
```

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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