

Converting Colors

$Yxy(71.0043, 0.3367, 0.3233)$

Have a look what the booklet for
Yxy(71.0043, 0.3367, 0.3233)
contains.

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Color

Yxy(70.8252, 0.3364, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	F7D2D8
RGB	247, 210, 216
RGB Percent	97%, 82%, 85%
CMY	0.0315, 0.1764, 0.1530
CMYK	0.00, 0.15, 0.13, 0.03
HSL	350°, 70%, 90%
HSV	350°, 15%, 97%
XYZ	73.7863, 70.8252, 74.7295
YIQ	221.7470, 20.1260, 9.7100

Conversions

Conversions Part 2

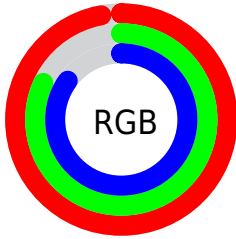
Format	Color
R _Y B	247, 210, 216
Decimal	16241368
CIE Lab	87.40, 13.84, 1.86
CIE LCh	87, 13.967, 7.648
Yxy	70.8252, 0.3364, 0.3229
Android (android.graphics.Color)	4294431448 (0xFFF7D2D8)
YUV	221.7470, -2.8333, 22.1469
Hunter-Lab	84.1577, 9.2261, 6.2627

Details

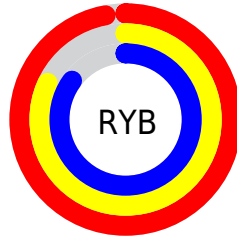
The Yxy color **70.8252, 0.3364, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5553, 0.2932, 0.3352**, and the grayscale version is **72.8675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9630, 0.3421, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **58.5539, 0.3571, 0.3185**, and if you desaturate by 10%, it is **85.1197, 0.3197, 0.3271**.

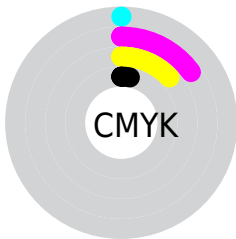
Distribution



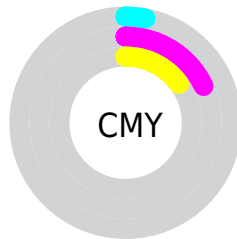
- Red (97%)
- Green (82%)
- Blue (85%)



- Red (97%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8252, 0.3364, 0.3229 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 70.8252, 0.3364, 0.3229 by changing the saturation by 10% instead.


 70.8252, 0.3364,
0.3229

 70.8252, 0.3364,
0.3229

463.4421, 0.3254,
0.3258

 52.1996, 0.3389,
0.3222


120.3848, 0.3325,
0.3239

 37.1642, 0.3421,
0.3214


152.0875, 0.3311,
0.3243

 25.3346, 0.3461,
0.3203

188.9181, 0.3298,
0.3247

 16.3265, 0.3514,
0.3188

231.2609, 0.3287,
0.3249

 9.7555, 0.3588,
0.3168

279.5003, 0.3277,
0.3252

 5.2372, 0.3694,
0.3138

334.0207, 0.3268,

 2.3871, 0.3865,

0.3254

0.3088

395.2065, 0.3260,
0.3256

0.8192, 0.4205,
0.3002

0.0000, 1.0000,
0.0000

70.8252, 0.3364,
0.3229

70.8252, 0.3364,
0.3229

58.5539, 0.3571,
0.3185

85.1197, 0.3197,
0.3271

48.2052, 0.3826,
0.3141

98.5074, 0.3078,
0.3290

39.6843, 0.4137,
0.3100

32.8846, 0.4505,
0.3067

■ 27.6883, 0.4920,
0.3050

■ 23.9628, 0.5354,
0.3056

■ 21.5542, 0.5760,
0.3092

■ 20.2738, 0.6081,
0.3156

■ 19.9192, 0.6202,
0.3190

Harmonies

Analogous

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



70.8252, 0.3211, 0.3101



70.8252, 0.3364, 0.3229



70.8252, 0.3453, 0.3375

Triad

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



70.8252, 0.3364, 0.3229



70.8252, 0.3209, 0.3577



70.8252, 0.2813, 0.3068

Complementary

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



70.8252, 0.3364, 0.3229



86.5553, 0.2932, 0.3352

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.



70.8252, 0.2812, 0.3191



70.8252, 0.3364, 0.3229



70.8252, 0.3038, 0.3491

Square

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



70.8252, 0.3364, 0.3229



70.8252, 0.3361, 0.3580



70.8252, 0.2894, 0.3347



70.8252, 0.2894, 0.3007

Rectangle

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



70.8252, 0.3364, 0.3229



70.8252, 0.3462, 0.3465



70.8252, 0.2894, 0.3347



70.8252, 0.2803, 0.3103

Sweetspot

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



70.8284, 0.3364, 0.3229



93.1250, 0.3183, 0.3274



71.4842, 0.3100, 0.2914



19.6646, 0.3194, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

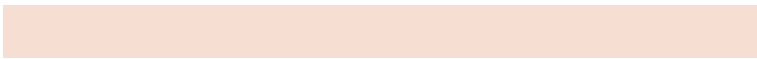
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8284, 0.3364, 0.3229



71.8936, 0.3423, 0.3216



76.8429, 0.3389, 0.3418



16.5261, 0.3268, 0.3252



10.5516, 0.6171, 0.3173



0.9399, 0.5860, 0.3002

Inverse Universe

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



70.8284, 0.3364, 0.3229



71.8936, 0.3423, 0.3216



79.6342, 0.2895, 0.3159



16.5261, 0.3268, 0.3252



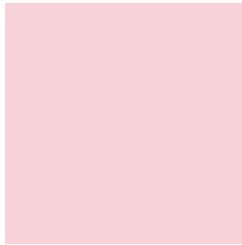
10.5516, 0.6171, 0.3173



0.9399, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 70.8252, 0.3364, 0.3229 looks on a white background.

Color Contrast Check

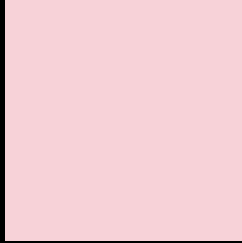
Large Text (above 18pt) WCAG AA × Fail

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 70.8252, 0.3364, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

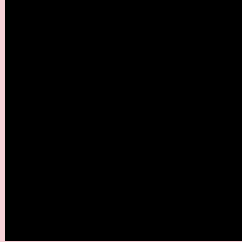
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8252, 0.3364, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 70.8252, 0.3364, 0.3229.

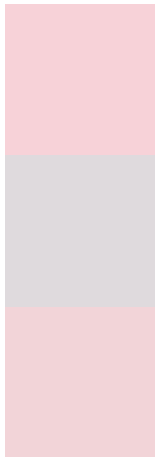


This preview shows how white text looks on a background with the Yxy color 70.8252, 0.3364, 0.3229.

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

70.8252, 0.3364, 0.3229

Protanopia

71.0512, 0.3143, 0.3258

Deuteranopia

70.9221, 0.3324, 0.3249



Tritanopia

70.9936, 0.3307, 0.3126

Trichromacy



Original Color

70.8252, 0.3364, 0.3229

Protanomaly

70.8712, 0.3224, 0.3248

Deuteranomaly

70.7795, 0.3340, 0.3238

Tritanomaly

70.8313, 0.3329, 0.3157

Monochromacy



Original Color

70.8252, 0.3364, 0.3229

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2990, 0.3208, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8252, 0.3364, 0.3229 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(247, 210, 216)` looks like.

```
.text, #text, p{  
    color:rgb(247, 210, 216)  
}
```

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(247, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 210, 216) }
```

Border

The CSS property to change the border of an element to Yxy 70.8252, 0.3364, 0.3229 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(247, 210, 216) }
```

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

```
.border{ border-color:rgb(247, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 210,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8252, 0.3364, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 210, 216) }
```

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

```
.background{ background-color: rgb(247,  
210, 216) }
```

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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