

Converting Colors

$Yxy(71.4040, 0.3362, 0.3214)$

Have a look what the booklet for
Yxy(71.4040, 0.3362, 0.3214)
contains.

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Color

Yxy(71.2949, 0.3365, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	F9D2DA
RGB	249, 210, 218
RGB Percent	98%, 82%, 85%
CMY	0.0233, 0.1765, 0.1450
CMYK	0.00, 0.16, 0.12, 0.02
HSL	348°, 77%, 90%
HSV	348°, 16%, 98%
XYZ	74.7841, 71.2949, 76.1620
YIQ	222.5730, 20.6760, 10.7560

Conversions

Conversions Part 2

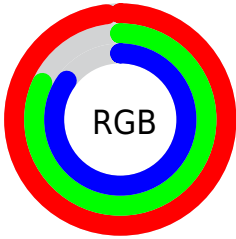
Format	Color
R _Y B	249, 210, 218
Decimal	16372442
CIE Lab	87.63, 14.92, 1.13
CIE LCh	88, 14.964, 4.338
Yxy	71.2949, 0.3365, 0.3208
Android (android.graphics.Color)	4294562522 (0xFFF9D2DA)
YUV	222.5730, -2.2545, 23.1765
Hunter-Lab	84.4363, 10.3315, 5.6255

Details

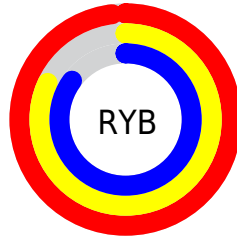
The Yxy color **71.2949, 0.3365, 0.3208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.8354, 0.2932, 0.3374**, and the grayscale version is **73.4843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2935, 0.3422, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **58.9688, 0.3564, 0.3152**, and if you desaturate by 10%, it is **85.6646, 0.3204, 0.3261**.

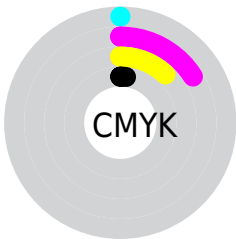
Distribution



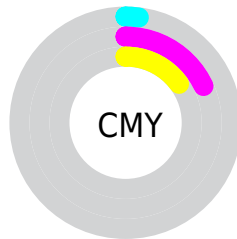
- Red (98%)
- Green (82%)
- Blue (85%)



- Red (98%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2949, 0.3365, 0.3208 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 71.2949, 0.3365, 0.3208 by changing the saturation by 10% instead.


 71.2949, 0.3365,
0.3208

 71.2949, 0.3365,
0.3208


465.0837, 0.3254,
0.3247

 52.5829, 0.3390,
0.3199

121.0535, 0.3326,
0.3221

 37.4699, 0.3422,
0.3188


152.8689, 0.3311,
0.3227

 25.5715, 0.3462,
0.3174


189.8210, 0.3299,
0.3231

 16.5034, 0.3515,
0.3155

232.2939, 0.3287,
0.3235

 9.8810, 0.3588,
0.3129

280.6723, 0.3278,
0.3238

 5.3202, 0.3694,
0.3091

335.3405, 0.3269,

 2.4363, 0.3863,

0.3242

0.3029

396.6828, 0.3261,
0.3244

0.8445, 0.4181,
0.2917

0.0000, 1.0000,
0.0000

71.2949, 0.3365,
0.3208

71.2949, 0.3365,
0.3208

58.9688, 0.3564,
0.3152

85.6646, 0.3204,
0.3261

48.5841, 0.3808,
0.3096

98.8895, 0.3091,
0.3290

40.0443, 0.4105,
0.3043

33.2407, 0.4455,
0.3000

■ 28.0533, 0.4849,
0.2976

■ 24.3464, 0.5265,
0.2981

■ 21.9624, 0.5661,
0.3022

■ 20.7066, 0.5986,
0.3098

■ 20.3904, 0.6098,
0.3133

Harmonies

Analogous

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



71.2949, 0.3197, 0.3076



71.2949, 0.3365, 0.3208



71.2949, 0.3469, 0.3363

Triad

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



71.2949, 0.3365, 0.3208



71.2949, 0.3234, 0.3603



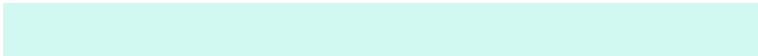
71.2949, 0.2787, 0.3064

Complementary

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



71.2949, 0.3365, 0.3208



87.8354, 0.2932, 0.3374

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.



71.2949, 0.2797, 0.3201



71.2949, 0.3365, 0.3208



71.2949, 0.3051, 0.3519

Square

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



71.2949, 0.3365, 0.3208



71.2949, 0.3391, 0.3595



71.2949, 0.2892, 0.3369



71.2949, 0.2865, 0.2992

Rectangle

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



71.2949, 0.3365, 0.3208



71.2949, 0.3487, 0.3462



71.2949, 0.2892, 0.3369



71.2949, 0.2780, 0.3103

Sweetspot

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



71.2981, 0.3365, 0.3208



91.4980, 0.3195, 0.3265



71.5569, 0.3085, 0.2894



19.3383, 0.3205, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

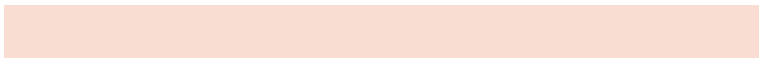
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2981, 0.3365, 0.3208



70.6524, 0.3427, 0.3190



76.5433, 0.3406, 0.3404



17.2836, 0.3262, 0.3241



10.9257, 0.6063, 0.3114



1.0265, 0.5746, 0.2939

Inverse Universe

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



71.2981, 0.3365, 0.3208



70.6524, 0.3427, 0.3190



81.6818, 0.2884, 0.3173



17.2836, 0.3262, 0.3241



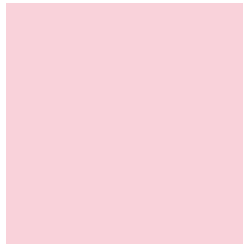
10.9257, 0.6063, 0.3114



1.0265, 0.5746, 0.2939

Previews

White Background



This preview shows how the Yxy color 71.2949, 0.3365, 0.3208 looks on a white background.

Color Contrast Check

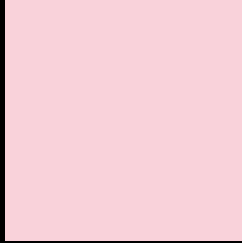
Large Text (above 18pt) WCAG AA × Fail

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 71.2949, 0.3365, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

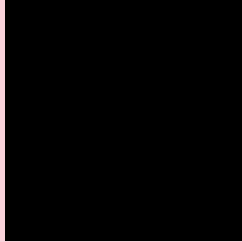
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2949, 0.3365, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 71.2949, 0.3365, 0.3208.



This preview shows how white text looks on a background with the Yxy color 71.2949, 0.3365, 0.3208.

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

71.2949, 0.3365, 0.3208

Protanopia

71.6787, 0.3129, 0.3247

Deuteranopia

71.4755, 0.3315, 0.3249



Tritanopia

71.3612, 0.3322, 0.3127

Trichromacy



Original Color

71.2949, 0.3365, 0.3208

Protanomaly

71.4880, 0.3210, 0.3237

Deuteranomaly

71.5092, 0.3339, 0.3239

Tritanomaly

71.1988, 0.3344, 0.3158

Monochromacy



Original Color

71.2949, 0.3365, 0.3208

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.5191, 0.3208, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2949, 0.3365, 0.3208 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(249, 210, 218)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 218)  
}
```

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(249, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.2949, 0.3365, 0.3208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

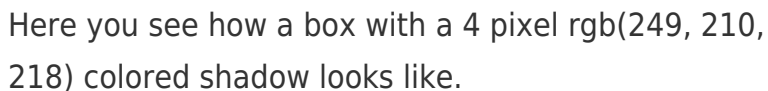
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 210, 218) }
```

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

```
.border{ border-color:rgb(249, 210, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 210, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 210, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 210, 218); box-shadow:4px 4px 4px 4px rgb(249, 210, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2949, 0.3365, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 218) }
```

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

```
.background{ background-color: rgb(249,  
210, 218) }
```

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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