

Converting Colors

Yxy(71.9517, 0.3346, 0.3223)

Have a look what the booklet for
Yxy(71.9517, 0.3346, 0.3223)
contains.

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Color

Yxy(71.9231, 0.3347, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	F7D4DA
RGB	247, 212, 218
RGB Percent	97%, 83%, 85%
CMY	0.0314, 0.1686, 0.1452
CMYK	0.00, 0.14, 0.12, 0.03
HSL	350°, 69%, 90%
HSV	350°, 14%, 97%
XYZ	74.5514, 71.9231, 76.2666
YIQ	223.1490, 18.9340, 9.2860

Conversions

Conversions Part 2

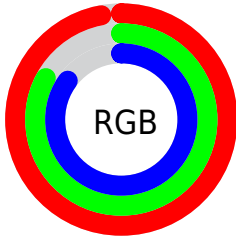
Format	Color
R _Y B	247, 212, 218
Decimal	16241882
CIE Lab	87.93, 13.13, 1.57
CIE LCh	88, 13.228, 6.833
Yxy	71.9231, 0.3347, 0.3229
Android (android.graphics.Color)	4294431962 (0xFFF7D4DA)
YUV	223.1490, -2.5385, 20.9173
Hunter-Lab	84.8075, 8.5003, 6.0463

Details

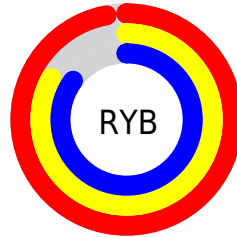
The Yxy color **71.9231, 0.3347, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.8682, 0.2944, 0.3352**, and the grayscale version is **73.9122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7054, 0.3398, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **59.4998, 0.3548, 0.3183**, and if you desaturate by 10%, it is **86.3742, 0.3185, 0.3273**.

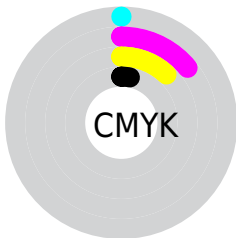
Distribution



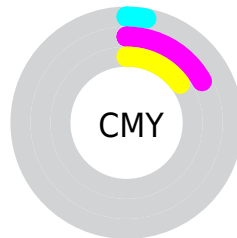
- Red (97%)
- Green (83%)
- Blue (85%)



- Red (97%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9231, 0.3347, 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 71.9231, 0.3347, 0.3229 by changing the saturation by 10% instead.

 71.9231, 0.3347,
0.3229

 71.9231, 0.3347,
0.3229


467.2739, 0.3245,
0.3258

 53.0959, 0.3371,
0.3222

121.9472, 0.3311,
0.3239

 37.8793, 0.3400,
0.3214


153.9128, 0.3298,
0.3243

 25.8890, 0.3437,
0.3203


191.0267, 0.3286,
0.3246

 16.7406, 0.3485,
0.3189

233.6733, 0.3275,
0.3249

 10.0497, 0.3552,
0.3169

282.2369, 0.3266,
0.3252

 5.4320, 0.3650,
0.3140

337.1019, 0.3258,

 2.5029, 0.3805,

0.3254

0.3093

398.6528, 0.3251,
0.3256

0.8781, 0.4095,
0.3007

0.0000, 1.0000,
0.0000

71.9231, 0.3347,
0.3229

71.9231, 0.3347,
0.3229

59.4998, 0.3548,
0.3183

86.3742, 0.3185,
0.3273

49.0044, 0.3796,
0.3136

98.5128, 0.3078,
0.3290

40.3429, 0.4099,
0.3092

33.4094, 0.4457,
0.3056

■ 28.0875, 0.4865,
0.3035

■ 24.2461, 0.5295,
0.3039

■ 21.7337, 0.5704,
0.3073

■ 20.3654, 0.6036,
0.3137

■ 19.9409, 0.6182,
0.3179

Harmonies

Analogous

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



71.9231, 0.3202, 0.3109



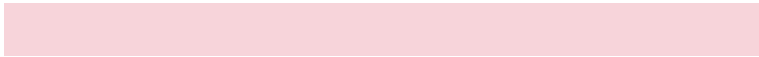
71.9231, 0.3347, 0.3229



71.9231, 0.3432, 0.3367

Triad

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



71.9231, 0.3347, 0.3229



71.9231, 0.3208, 0.3561



71.9231, 0.2829, 0.3083

Complementary

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



71.9231, 0.3347, 0.3229



86.8682, 0.2944, 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.



71.9231, 0.2831, 0.3200



71.9231, 0.3347, 0.3229



71.9231, 0.3047, 0.3482

Square

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



71.9231, 0.3347, 0.3229



71.9231, 0.3350, 0.3563



71.9231, 0.2910, 0.3348



71.9231, 0.2905, 0.3024

Rectangle

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



71.9231, 0.3347, 0.3229



71.9231, 0.3443, 0.3452



71.9231, 0.2910, 0.3348



71.9231, 0.2821, 0.3117

Sweetspot

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



71.9263, 0.3347, 0.3229



93.1309, 0.3183, 0.3273



72.4345, 0.3098, 0.2934



19.6661, 0.3194, 0.3270



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

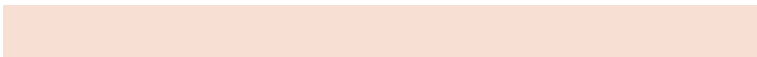
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9263, 0.3347, 0.3229



73.2889, 0.3400, 0.3216



77.3497, 0.3374, 0.3405



16.5286, 0.3267, 0.3250



10.5608, 0.6149, 0.3161



0.9411, 0.5833, 0.2987

Inverse Universe

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



71.9263, 0.3347, 0.3229



73.2889, 0.3400, 0.3216



80.6558, 0.2907, 0.3173



16.5286, 0.3267, 0.3250



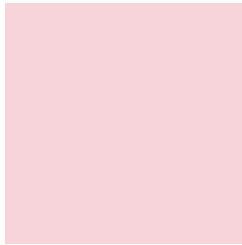
10.5608, 0.6149, 0.3161



0.9411, 0.5833, 0.2987

Previews

White Background



This preview shows how the Yxy color 71.9231, 0.3347, 0.3229 looks on a white background.

Color Contrast Check

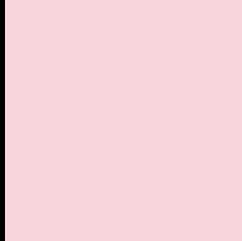
Large Text (above 18pt) WCAG AA × Fail

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 71.9231, 0.3347, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

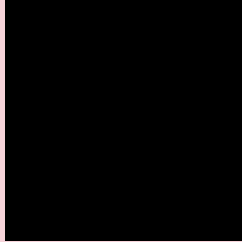
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9231, 0.3347, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 71.9231, 0.3347, 0.3229.

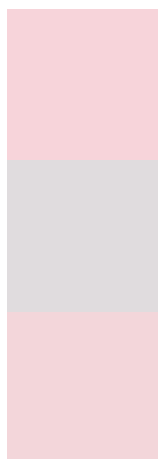


This preview shows how white text looks on a background with the Yxy color 71.9231, 0.3347, 0.3229.

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

71.9231, 0.3347, 0.3229

Protanopia

72.3076, 0.3142, 0.3268

Deuteranopia

72.2098, 0.3314, 0.3249



Tritanopia

72.0910, 0.3291, 0.3127

Trichromacy



Original Color

71.9231, 0.3347, 0.3229

Protanomaly

72.0020, 0.3209, 0.3248

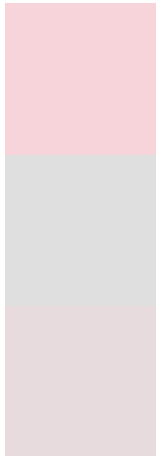
Deuteranomaly

71.8836, 0.3323, 0.3239

Tritanomaly

71.9268, 0.3312, 0.3157

Monochromacy



Original Color

71.9231, 0.3347, 0.3229

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0393, 0.3207, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9231, 0.3347, 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, 212, 218)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.9231, 0.3347, 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, 212, 218) }
```

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

```
.border{ border-color:rgb(247, 212, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 218);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9231, 0.3347, 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, 212, 218) }
```

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

```
.background{ background-color: rgb(247,  
212, 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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