

Converting Colors

$Yxy(71.4048, 0.3328, 0.3143)$

Have a look what the booklet for
Yxy(71.4048, 0.3328, 0.3143)
contains.

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Color

Yxy(71.3067, 0.3330, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	FAD1E0
RGB	250, 209, 224
RGB Percent	98%, 82%, 88%
CMY	0.0194, 0.1804, 0.1215
CMYK	0.00, 0.16, 0.10, 0.02
HSL	338°, 81%, 90%
HSV	338°, 16%, 98%
XYZ	75.6938, 71.3067, 80.3081
YIQ	222.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

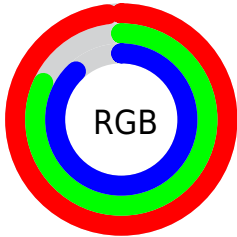
Format	Color
R _Y B	250, 209, 224
Decimal	16437728
CIE Lab	87.63, 16.76, -2.02
CIE LCh	88, 16.882, 353.117
Yxy	71.3067, 0.3330, 0.3137
Android (android.graphics.Color)	4294627808 (0xFFFAD1E0)
YUV	222.9690, 0.5083, 23.7062
Hunter-Lab	84.4433, 12.2291, 2.7237

Details

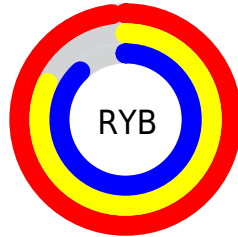
The Yxy color **71.3067, 0.3330, 0.3137** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9532, 0.2960, 0.3448**, and the grayscale version is **73.7599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3132, 0.3375, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **59.1685, 0.3490, 0.3038**, and if you desaturate by 10%, it is **85.4569, 0.3199, 0.3232**.

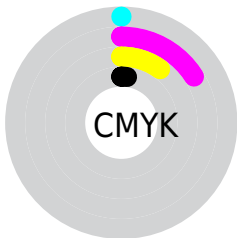
Distribution



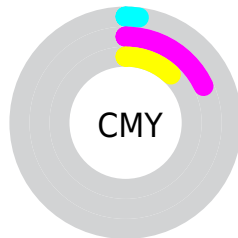
- Red (98%)
- Green (82%)
- Blue (88%)



- Red (98%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3067, 0.3330, 0.3137 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 71.3067, 0.3330, 0.3137 by changing the saturation by 10% instead.

 71.3067, 0.3330,
0.3137

 71.3067, 0.3330,
0.3137


465.1249, 0.3236,
0.3208

 52.5925, 0.3351,
0.3121

121.0703, 0.3297,
0.3161

 37.4776, 0.3378,
0.3101


152.8886, 0.3285,
0.3171

 25.5775, 0.3412,
0.3076


189.8436, 0.3274,
0.3179

 16.5078, 0.3456,
0.3043

232.3199, 0.3264,
0.3186

 9.8842, 0.3517,
0.2999

280.7017, 0.3256,
0.3193

 5.3222, 0.3604,
0.2935

335.3736, 0.3249,

 2.4376, 0.3742,

0.3198

0.2836

396.7198, 0.3242,
0.3203

0.8451, 0.3993,
0.2658

0.0000, 1.0000,
0.0000

71.3067, 0.3330,
0.3137

71.3067, 0.3330,
0.3137

59.1685, 0.3490,
0.3038

85.4569, 0.3199,
0.3232

48.9410, 0.3685,
0.2938

99.0728, 0.3097,
0.3290

40.5285, 0.3917,
0.2843

33.8229, 0.4188,
0.2761

■ 28.7049, 0.4495,
0.2705

■ 25.0392, 0.4824,
0.2687

■ 22.6680, 0.5154,
0.2717

■ 21.3942, 0.5459,
0.2800

■ 21.0977, 0.5561,
0.2837

Harmonies

Analogous

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



71.3067, 0.3127, 0.3008



71.3067, 0.3330, 0.3137



71.3067, 0.3481, 0.3306

Triad

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



71.3067, 0.3330, 0.3137



71.3067, 0.3319, 0.3653



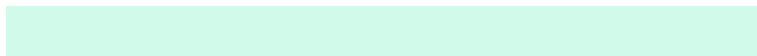
71.3067, 0.2737, 0.3084

Complementary

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



71.3067, 0.3330, 0.3137



87.9532, 0.2960, 0.3448

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.



71.3067, 0.2785, 0.3258



71.3067, 0.3330, 0.3137



71.3067, 0.3117, 0.3596

Square

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



71.3067, 0.3330, 0.3137



71.3067, 0.3473, 0.3605



71.3067, 0.2923, 0.3449



71.3067, 0.2788, 0.2974

Rectangle

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



71.3067, 0.3330, 0.3137



71.3067, 0.3529, 0.3422



71.3067, 0.2923, 0.3449



71.3067, 0.2742, 0.3137

Sweetspot

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



71.3099, 0.3330, 0.3137



91.6235, 0.3182, 0.3245



70.1601, 0.3039, 0.2869



19.3687, 0.3190, 0.3239



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

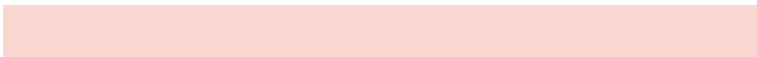
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3099, 0.3330, 0.3137



69.7558, 0.3384, 0.3102



73.2625, 0.3432, 0.3347



17.3303, 0.3236, 0.3203



11.2112, 0.5518, 0.2813



1.0580, 0.5191, 0.2633

Inverse Universe

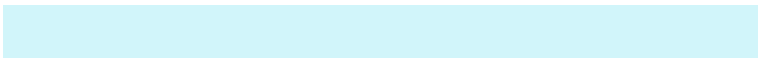
The Inverse Universe completely reimagines the original color for something new.



71.3099, 0.3330, 0.3137



69.7558, 0.3384, 0.3102



85.5051, 0.2876, 0.3232



17.3303, 0.3236, 0.3203



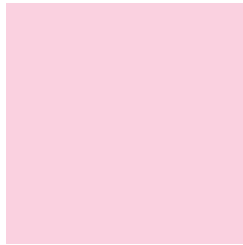
11.2112, 0.5518, 0.2813



1.0580, 0.5191, 0.2633

Previews

White Background



This preview shows how the Yxy color 71.3067, 0.3330, 0.3137 looks on a white background.

Color Contrast Check

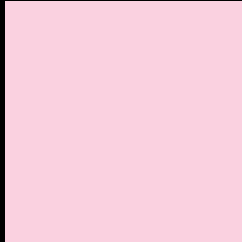
Large Text (above 18pt) WCAG AA × Fail

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 71.3067, 0.3330, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

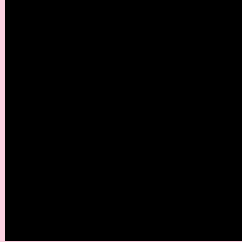
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3067, 0.3330, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 71.3067, 0.3330, 0.3137.



This preview shows how white text looks on a background with the Yxy color 71.3067, 0.3330, 0.3137.

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

71.3067, 0.3330, 0.3137

Protanopia

71.7484, 0.3069, 0.3171

Deuteranopia

71.4415, 0.3258, 0.3186



Tritanopia

71.3612, 0.3322, 0.3127

Trichromacy



Original Color

71.3067, 0.3330, 0.3137

Protanomaly

71.3581, 0.3163, 0.3153

Deuteranomaly

71.6478, 0.3288, 0.3177

Tritanomaly

71.3612, 0.3322, 0.3127

Monochromacy



Original Color

71.3067, 0.3330, 0.3137

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7942, 0.3202, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3067, 0.3330, 0.3137 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, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 224)  
}
```

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, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.3067, 0.3330, 0.3137 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, 209, 224) }
```

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

```
.border{ border-color:rgb(250, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3067, 0.3330, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 224) }
```

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

```
.background{ background-color: rgb(250,  
209, 224) }
```

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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