

Converting Colors

$Yxy(71.1951, 0.3313, 0.3157)$

Have a look what the booklet for
Yxy(71.1951, 0.3313, 0.3157)
contains.

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Color

Yxy(71.1951, 0.3313, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	F7D2DF
RGB	247, 210, 223
RGB Percent	97%, 82%, 87%
CMY	0.0315, 0.1764, 0.1255
CMYK	0.00, 0.15, 0.10, 0.03
HSL	339°, 70%, 90%
HSV	339°, 15%, 97%
XYZ	74.7131, 71.1951, 79.6068
YIQ	222.5450, 17.8790, 11.8870

Conversions

Conversions Part 2

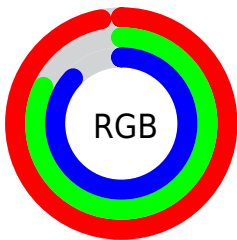
Format	Color
R _Y B	247, 210, 223
Decimal	16241375
CIE Lab	87.58, 14.98, -1.59
CIE LCh	88, 15.068, 353.947
Yxy	71.1951, 0.3313, 0.3157
Android (android.graphics.Color)	4294431455 (0xFFFF7D2DF)
YUV	222.5450, 0.2243, 21.4470
Hunter-Lab	84.3772, 10.3956, 3.1261

Details

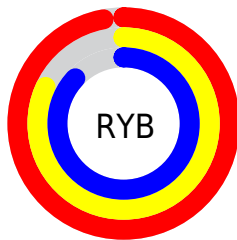
The Yxy color **71.1951, 0.3313, 0.3157** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.1460, 0.2971, 0.3427**, and the grayscale version is **73.4407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2170, 0.3353, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **59.1045, 0.3472, 0.3062**, and if you desaturate by 10%, it is **85.2556, 0.3183, 0.3247**.

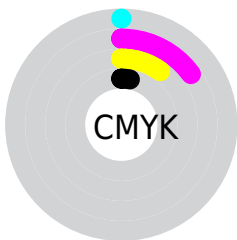
Distribution



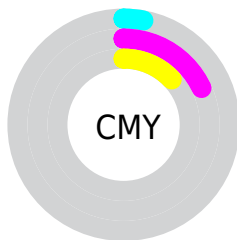
- Red (97%)
- Green (82%)
- Blue (87%)



- Red (97%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1951, 0.3313, 0.3157 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 71.1951, 0.3313, 0.3157 by changing the saturation by 10% instead.


 71.1951, 0.3313,
0.3157

 71.1951, 0.3313,
0.3157


464.7352, 0.3227,
0.3218

 52.5014, 0.3333,
0.3143


120.9115, 0.3283,
0.3178

 37.4049, 0.3357,
0.3126


152.7030, 0.3271,
0.3187

 25.5212, 0.3388,
0.3104


189.6292, 0.3261,
0.3194

 16.4658, 0.3429,
0.3075

232.0746, 0.3253,
0.3200

 9.8543, 0.3485,
0.3036

280.4235, 0.3245,
0.3205

 5.3025, 0.3565,
0.2980

335.0602, 0.3238,

 2.4258, 0.3693,

0.3210

0.2892

396.3694, 0.3232,
0.3215

0.8391, 0.3927,
0.2732

0.0000, 1.0000,
0.0000

71.1951, 0.3313,
0.3157

71.1951, 0.3313,
0.3157

59.1045, 0.3472,
0.3062

85.2556, 0.3183,
0.3247

48.8861, 0.3666,
0.2966

98.5080, 0.3078,
0.3290

40.4481, 0.3899,
0.2874

33.6868, 0.4172,
0.2794

■ 28.4882, 0.4482,
0.2736

■ 24.7235, 0.4818,
0.2715

■ 22.2432, 0.5158,
0.2740

■ 20.8639, 0.5473,
0.2817

■ 20.4510, 0.5618,
0.2869

Harmonies

Analogous

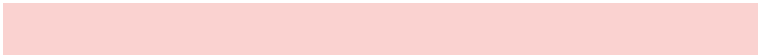
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1951, 0.3132, 0.3040



71.1951, 0.3313, 0.3157



71.1951, 0.3445, 0.3309

Triad

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



71.1951, 0.3313, 0.3157



71.1951, 0.3295, 0.3613



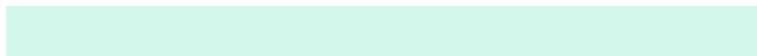
71.1951, 0.2778, 0.3104

Complementary

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



71.1951, 0.3313, 0.3157



86.1460, 0.2971, 0.3427

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.



71.1951, 0.2818, 0.3258



71.1951, 0.3313, 0.3157



71.1951, 0.3114, 0.3560

Square

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



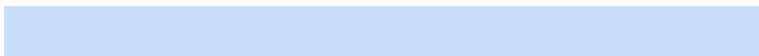
71.1951, 0.3313, 0.3157



71.1951, 0.3434, 0.3574



71.1951, 0.2940, 0.3427



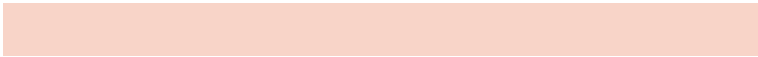
71.1951, 0.2827, 0.3006

Rectangle

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



71.1951, 0.3313, 0.3157



71.1951, 0.3486, 0.3413



71.1951, 0.2940, 0.3427



71.1951, 0.2781, 0.3150

Sweetspot

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



71.1983, 0.3313, 0.3157



93.2448, 0.3172, 0.3256



70.2108, 0.3048, 0.2908



19.6948, 0.3180, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

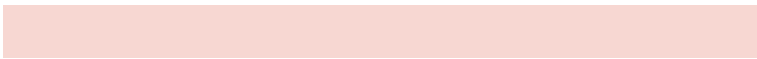
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1983, 0.3313, 0.3157



72.3578, 0.3359, 0.3128



72.9957, 0.3400, 0.3342



16.5786, 0.3238, 0.3207



10.8435, 0.5575, 0.2845



0.9718, 0.5227, 0.2653

Inverse Universe

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



71.1983, 0.3313, 0.3157



72.3578, 0.3359, 0.3128



83.9461, 0.2898, 0.3238



16.5786, 0.3238, 0.3207



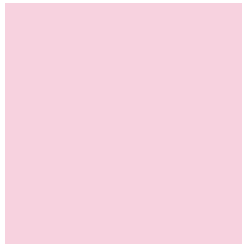
10.8435, 0.5575, 0.2845



0.9718, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 71.1951, 0.3313, 0.3157 looks on a white background.

Color Contrast Check

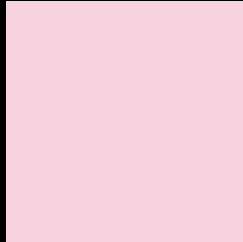
Large Text (above 18pt) WCAG AA × Fail

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 71.1951, 0.3313, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

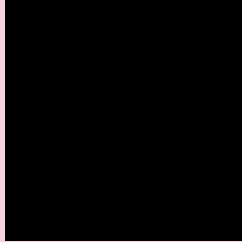
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1951, 0.3313, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 71.1951, 0.3313, 0.3157.



This preview shows how white text looks on a background with the Yxy color 71.1951, 0.3313, 0.3157.

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

71.1951, 0.3313, 0.3157

Protanopia

71.1164, 0.3082, 0.3182

Deuteranopia

71.3877, 0.3265, 0.3196



Tritanopia

71.3583, 0.3292, 0.3126

Trichromacy



Original Color

71.1951, 0.3313, 0.3157

Protanomaly

70.9149, 0.3162, 0.3173

Deuteranomaly

71.4156, 0.3288, 0.3187

Tritanomaly

71.3036, 0.3299, 0.3136

Monochromacy



Original Color

71.1951, 0.3313, 0.3157

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.6263, 0.3195, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1951, 0.3313, 0.3157 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(247, 210, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 210, 223) }
```

Border

The CSS property to change the border of an element to Yxy 71.1951, 0.3313, 0.3157 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, 223) }
```

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

```
.border{ border-color:rgb(247, 210, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 210, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 210, 223);  
box-shadow:4px 4px 4px 4px rgb(247, 210,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1951, 0.3313, 0.3157 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, 223) }
```

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

```
.background{ background-color: rgb(247,  
210, 223) }
```

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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