

Converting Colors

$Y_{xy}(71.1132, 0.3279, 0.3014)$

Have a look what the booklet for
Yxy(71.1132, 0.3279, 0.3014)
contains.

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Color

Yxy(71.4488, 0.3282, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	FDCFEA
RGB	253, 207, 234
RGB Percent	99%, 81%, 92%
CMY	0.0078, 0.1882, 0.0823
CMYK	0.00, 0.18, 0.08, 0.01
HSL	325°, 92%, 90%
HSV	325°, 18%, 99%
XYZ	77.6731, 71.4488, 87.5419
YIQ	223.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

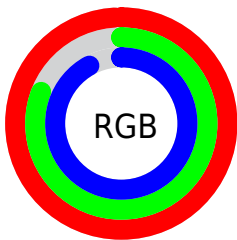
Format	Color
R _Y B	253, 207, 234
Decimal	16633834
CIE Lab	87.70, 20.47, -7.17
CIE LCh	88, 21.690, 340.683
Yxy	71.4488, 0.3282, 0.3019
Android (android.graphics.Color)	4294823914 (0xFFFDCEFA)
YUV	223.8320, 5.0128, 25.5803
Hunter-Lab	84.5274, 16.1025, -2.2353

Details

The Yxy color **71.4488, 0.3282, 0.3019** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.0097, 0.2998, 0.3578**, and the grayscale version is **74.3709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4066, 0.3321, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **59.5759, 0.3391, 0.2862**, and if you desaturate by 10%, it is **85.3276, 0.3191, 0.3171**.

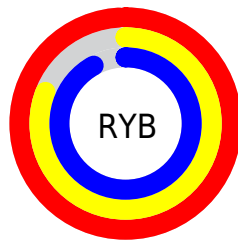
Distribution



Red (99%)

Green (81%)

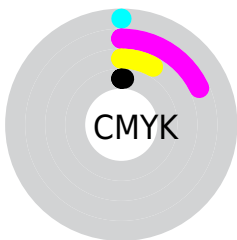
Blue (92%)



Red (99%)

Yellow (81%)

Blue (92%)

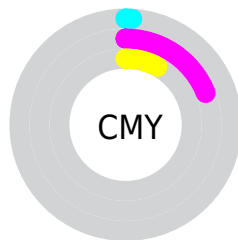


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4488, 0.3282, 0.3019 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 71.4488, 0.3282, 0.3019 by changing the saturation by 10% instead.


 71.4488, 0.3282,
0.3019

 71.4488, 0.3282,
0.3019


465.6208, 0.3212,
0.3142

 52.7085, 0.3298,
0.2991


121.2725, 0.3258,
0.3061

 37.5701, 0.3317,
0.2958


153.1248, 0.3248,
0.3078

 25.6492, 0.3342,
0.2915


190.1165, 0.3240,
0.3092

 16.5614, 0.3373,
0.2861

232.6321, 0.3233,
0.3105

 9.9223, 0.3416,
0.2787

281.0559, 0.3227,
0.3116

 5.3475, 0.3476,
0.2684

335.7724, 0.3221,

 2.4525, 0.3568,

0.3125

0.2528

397.1659, 0.3216,
0.3134

0.8527, 0.3726,
0.2265

0.0000, 0.5345,
0.0000

71.4488, 0.3282,
0.3019

71.4488, 0.3282,
0.3019

59.5759, 0.3391,
0.2862

85.3276, 0.3191,
0.3171

49.6055, 0.3518,
0.2706

99.6170, 0.3115,
0.3291

41.4392, 0.3666,
0.2558

99.6232, 0.3115,
0.3290

34.9658, 0.3833,
0.2429

■ 30.0619, 0.4015,
0.2329

■ 26.5870, 0.4208,
0.2271

■ 24.3751, 0.4403,
0.2265

■ 23.1984, 0.4593,
0.2311

■ 23.0375, 0.4627,
0.2323

Harmonies

Analogous

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



71.4488, 0.3015, 0.2889



71.4488, 0.3282, 0.3019



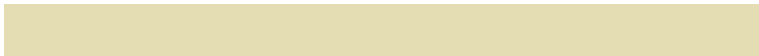
71.4488, 0.3515, 0.3215

Triad

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



71.4488, 0.3282, 0.3019



71.4488, 0.3466, 0.3747



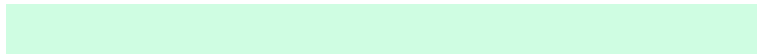
71.4488, 0.2640, 0.3108

Complementary

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



71.4488, 0.3282, 0.3019



89.0097, 0.2998, 0.3578

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.



71.4488, 0.2750, 0.3350



71.4488, 0.3282, 0.3019



71.4488, 0.3223, 0.3734

Square

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



71.4488, 0.3282, 0.3019



71.4488, 0.3621, 0.3632



71.4488, 0.2961, 0.3586



71.4488, 0.2653, 0.2930

Rectangle

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



71.4488, 0.3282, 0.3019



71.4488, 0.3614, 0.3363



71.4488, 0.2961, 0.3586



71.4488, 0.2663, 0.3185

Sweetspot

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



71.4520, 0.3282, 0.3019



91.7986, 0.3165, 0.3218



67.7925, 0.2952, 0.2810



19.4113, 0.3170, 0.3208



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

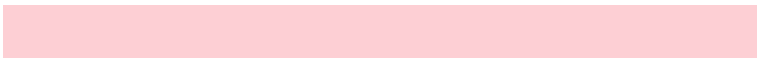
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4520, 0.3282, 0.3019



67.8774, 0.3321, 0.2959



70.2447, 0.3448, 0.3244



18.1660, 0.3202, 0.3151



12.2845, 0.4598, 0.2307



1.2179, 0.4396, 0.2195

Inverse Universe

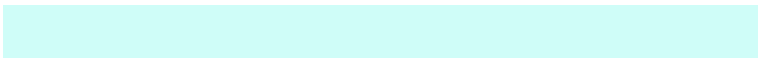
The Inverse Universe completely reimagines the original color for something new.



71.4520, 0.3282, 0.3019



67.8774, 0.3321, 0.2959



90.3210, 0.2877, 0.3337



18.1660, 0.3202, 0.3151



12.2845, 0.4598, 0.2307



1.2179, 0.4396, 0.2195

Previews

White Background



This preview shows how the Yxy color 71.4488, 0.3282, 0.3019 looks on a white background.

Color Contrast Check

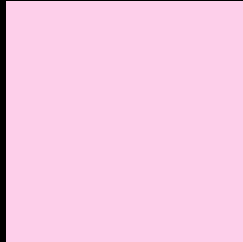
Large Text (above 18pt) WCAG AA × Fail

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 71.4488, 0.3282, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

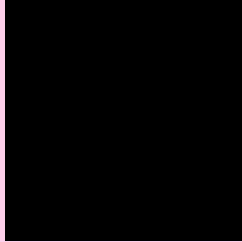
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4488, 0.3282, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 71.4488, 0.3282, 0.3019.



This preview shows how white text looks on a background with the Yxy color 71.4488, 0.3282, 0.3019.

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

71.4488, 0.3282, 0.3019

Protanopia

71.9193, 0.2978, 0.3055

Deuteranopia

71.8092, 0.3158, 0.3092



Tritanopia

71.7326, 0.3338, 0.3128

Trichromacy



Original Color

71.4488, 0.3282, 0.3019

Protanomaly

71.7628, 0.3088, 0.3049

Deuteranomaly

71.3490, 0.3204, 0.3064

Tritanomaly

71.4086, 0.3317, 0.3088

Monochromacy



Original Color

71.4488, 0.3282, 0.3019

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4064, 0.3182, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4488, 0.3282, 0.3019 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(253, 207, 234)` looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 234)  
}
```

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(253, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 234) }
```

Border

The CSS property to change the border of an element to Yxy 71.4488, 0.3282, 0.3019 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(253, 207, 234) }
```

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

```
.border{ border-color:rgb(253, 207, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 207, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(253, 207,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4488, 0.3282, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 234) }
```

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

```
.background{ background-color: rgb(253,  
207, 234) }
```

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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