

Converting Colors

$Y_{xy}(71.3637, 0.3260, 0.2997)$

Have a look what the booklet for
Yxy(71.3637, 0.3260, 0.2997)
contains.

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Color

Yxy(71.3772, 0.3260, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	FCCFEC
RGB	252, 207, 236
RGB Percent	99%, 81%, 93%
CMY	0.0119, 0.1882, 0.0745
CMYK	0.00, 0.18, 0.06, 0.01
HSL	321°, 88%, 90%
HSV	321°, 18%, 99%
XYZ	77.5891, 71.3772, 89.0370
YIQ	223.7610, 17.5110, 18.5590

Conversions

Conversions Part 2

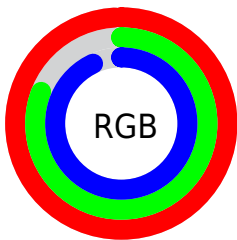
Format	Color
R _Y B	252, 207, 236
Decimal	16568300
CIE Lab	87.67, 20.45, -8.29
CIE LCh	88, 22.065, 337.940
Yxy	71.3772, 0.3260, 0.2999
Android (android.graphics.Color)	4294758380 (0xFFFCCEC)
YUV	223.7610, 6.0338, 24.7656
Hunter-Lab	84.4850, 16.0815, -3.3450

Details

The Yxy color **71.3772, 0.3260, 0.2999** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.1992, 0.3015, 0.3600**, and the grayscale version is **74.3087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3539, 0.3292, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **59.6208, 0.3354, 0.2828**, and if you desaturate by 10%, it is **85.1143, 0.3181, 0.3165**.

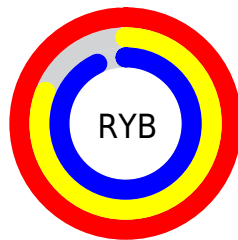
Distribution



Red (99%)

Green (81%)

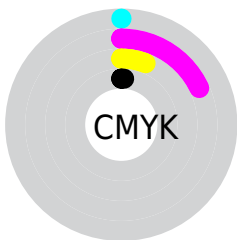
Blue (93%)



Red (99%)

Yellow (81%)

Blue (93%)

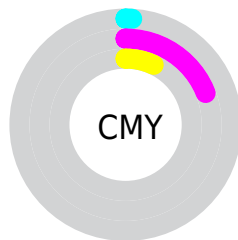


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3772, 0.3260, 0.2999 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 71.3772, 0.3260, 0.2999 by changing the saturation by 10% instead.


 71.3772, 0.3260,
0.2999

 71.3772, 0.3260,
0.2999


465.3709, 0.3200,
0.3131

 52.6501, 0.3273,
0.2970

121.1707, 0.3239,
0.3044

 37.5235, 0.3290,
0.2933


153.0058, 0.3231,
0.3062

 25.6131, 0.3310,
0.2888


189.9790, 0.3224,
0.3077

 16.5344, 0.3337,
0.2830

232.4748, 0.3218,
0.3091

 9.9031, 0.3372,
0.2752

280.8775, 0.3213,
0.3103

 5.3348, 0.3422,
0.2642

335.5715, 0.3208,

 2.4450, 0.3497,

0.3113

0.2477

396.9412, 0.3204,
0.3122

0.8489, 0.3622,
0.2201

0.0000, 0.4597,
0.0000

71.3772, 0.3260,
0.2999

71.3772, 0.3260,
0.2999

59.6208, 0.3354,
0.2828

85.1143, 0.3181,
0.3165

49.7430, 0.3463,
0.2659

99.3601, 0.3115,
0.3300

41.6470, 0.3588,
0.2497

99.4303, 0.3108,
0.3290

35.2233, 0.3727,
0.2355

■ 30.3505, 0.3879,
0.2242

■ 26.8902, 0.4038,
0.2171

■ 24.6798, 0.4198,
0.2150

■ 23.5007, 0.4354,
0.2181

■ 23.3131, 0.4388,
0.2191

Harmonies

Analogous

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



71.3772, 0.2989, 0.2875



71.3772, 0.3260, 0.2999



71.3772, 0.3503, 0.3194

Triad

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



71.3772, 0.3260, 0.2999



71.3772, 0.3491, 0.3749



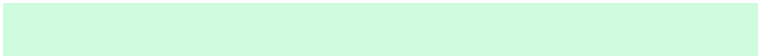
71.3772, 0.2637, 0.3125

Complementary

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



71.3772, 0.3260, 0.2999



88.1992, 0.3015, 0.3600

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.



71.3772, 0.2760, 0.3375



71.3772, 0.3260, 0.2999



71.3772, 0.3249, 0.3749

Square

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



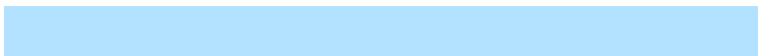
71.3772, 0.3260, 0.2999



71.3772, 0.3638, 0.3622



71.3772, 0.2981, 0.3610



71.3772, 0.2639, 0.2936

Rectangle

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



71.3772, 0.3260, 0.2999



71.3772, 0.3612, 0.3343



71.3772, 0.2981, 0.3610



71.3772, 0.2665, 0.3205

Sweetspot

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



71.3804, 0.3260, 0.2999



91.8447, 0.3160, 0.3211



67.3096, 0.2940, 0.2817



19.4225, 0.3165, 0.3200



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.



71.3804, 0.3260, 0.2999



69.2974, 0.3288, 0.2945



70.1676, 0.3423, 0.3222



17.4137, 0.3193, 0.3138



12.1762, 0.4363, 0.2177



1.1479, 0.4188, 0.2081

Inverse Universe

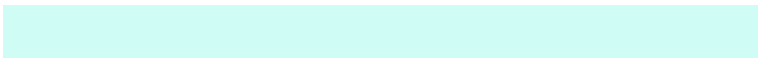
The Inverse Universe completely reimagines the original color for something new.



71.3804, 0.3260, 0.2999



69.2974, 0.3288, 0.2945



89.4781, 0.2893, 0.3360



17.4137, 0.3193, 0.3138



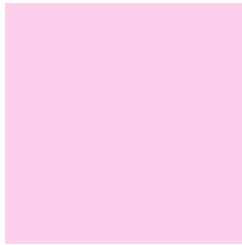
12.1762, 0.4363, 0.2177



1.1479, 0.4188, 0.2081

Previews

White Background



This preview shows how the Yxy color 71.3772, 0.3260, 0.2999 looks on a white background.

Color Contrast Check

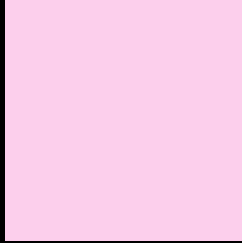
Large Text (above 18pt) WCAG AA × Fail

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 71.3772, 0.3260, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

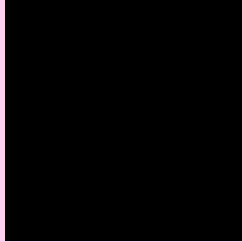
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3772, 0.3260, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 71.3772, 0.3260, 0.2999.



This preview shows how white text looks on a background with the Yxy color 71.3772, 0.3260, 0.2999.

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

71.3772, 0.3260, 0.2999

Protanopia

71.3656, 0.2959, 0.3022

Deuteranopia

71.7535, 0.3137, 0.3071



Tritanopia

71.3612, 0.3322, 0.3127

Trichromacy



Original Color

71.3772, 0.3260, 0.2999

Protanomaly

71.2074, 0.3068, 0.3017

Deuteranomaly

71.2875, 0.3183, 0.3043

Tritanomaly

71.2781, 0.3302, 0.3077

Monochromacy



Original Color

71.3772, 0.3260, 0.2999

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.2367, 0.3175, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3772, 0.3260, 0.2999 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(252, 207, 236)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 236)  
}
```

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(252, 207, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 236) }
```

Border

The CSS property to change the border of an element to Yxy 71.3772, 0.3260, 0.2999 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(252, 207, 236) }
```

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

```
.border{ border-color:rgb(252, 207, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 207, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3772, 0.3260, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 236) }
```

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

```
.background{ background-color: rgb(252,  
207, 236) }
```

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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