

Converting Colors

$Y_{xy}(74.2030, 0.3375, 0.2960)$

Have a look what the booklet for
Yxy(74.2030, 0.3375, 0.2960)
contains.

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Color

Yxy(71.1546, 0.3263, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDEF
RGB	255, 205, 239
RGB Percent	100%, 80%, 94%
CMY	0.0000, 0.1961, 0.0628
CMYK	0.00, 0.20, 0.06, 0.00
HSL	319°, 100%, 90%
HSV	319°, 20%, 100%
XYZ	78.6509, 71.1546, 91.2331
YIQ	223.8260, 18.8860, 21.1740

Conversions

Conversions Part 2

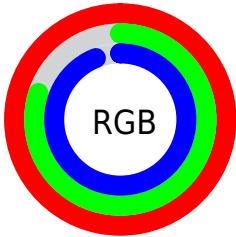
Format	Color
R _Y B	255, 205, 239
Decimal	16764399
CIE Lab	87.56, 23.04, -10.00
CIE LCh	88, 25.113, 336.538
Yxy	71.1546, 0.3263, 0.2952
Android (android.graphics.Color)	4294954479 (0xFFFFCDEF)
YUV	223.8260, 7.4808, 27.3396
Hunter-Lab	84.3532, 18.8153, -5.0785

Details

The Yxy color **71.1546, 0.3263, 0.2952** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.7217, 0.3013, 0.3654**, and the grayscale version is **74.3458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2374, 0.3295, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **59.4618, 0.3351, 0.2773**, and if you desaturate by 10%, it is **84.8600, 0.3188, 0.3128**.

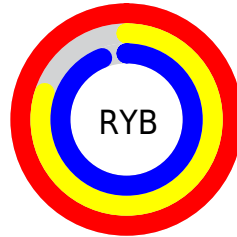
Distribution



Red (100%)

Green (80%)

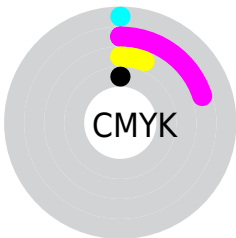
Blue (94%)



Red (100%)

Yellow (80%)

Blue (94%)

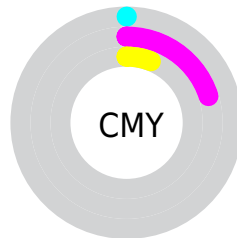


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1546, 0.3263, 0.2952 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 71.1546, 0.3263, 0.2952 by changing the saturation by 10% instead.

 71.1546, 0.3263,
0.2952

 71.1546, 0.3263,
0.2952

464.5937, 0.3202,
0.3105

 52.4684, 0.3276,
0.2918


120.8538, 0.3242,
0.3004

 37.3785, 0.3293,
0.2877

152.6356, 0.3234,
0.3025

 25.5007, 0.3314,
0.2825


189.5514, 0.3227,
0.3042

 16.4505, 0.3340,
0.2758


231.9855, 0.3221,
0.3058

 9.8435, 0.3375,
0.2669

280.3224, 0.3215,
0.3072

 5.2953, 0.3423,
0.2545

334.9465, 0.3210,

 2.4216, 0.3495,

0.3084

0.2360

396.2421, 0.3206,
0.3095

0.8369, 0.3611,
0.2055

0.0000, 0.4301,
0.0000

71.1546, 0.3263,
0.2952

71.1546, 0.3263,
0.2952

59.4618, 0.3351,
0.2773

84.8600, 0.3188,
0.3128

49.6811, 0.3452,
0.2596

100.0000, 0.3127,
0.3290

41.7093, 0.3566,
0.2429

35.4321, 0.3692,
0.2284

■ 30.7216, 0.3828,
0.2172

■ 27.4320, 0.3968,
0.2103

■ 25.3896, 0.4107,
0.2084

■ 24.3225, 0.4243,
0.2112

■ 24.2882, 0.4248,
0.2114

Harmonies

Analogous

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



71.1546, 0.2955, 0.2817



71.1546, 0.3263, 0.2952



71.1546, 0.3545, 0.3168

Triad

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



71.1546, 0.3263, 0.2952



71.1546, 0.3551, 0.3809



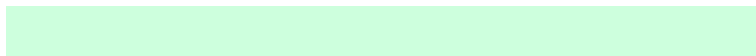
71.1546, 0.2575, 0.3112

Complementary

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



71.1546, 0.3263, 0.2952



89.7217, 0.3013, 0.3654

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.



71.1546, 0.2719, 0.3399



71.1546, 0.3263, 0.2952



71.1546, 0.3278, 0.3820

Square

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



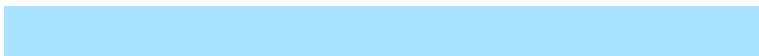
71.1546, 0.3263, 0.2952



71.1546, 0.3714, 0.3656



71.1546, 0.2973, 0.3667



71.1546, 0.2570, 0.2894

Rectangle

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



71.1546, 0.3263, 0.2952



71.1546, 0.3674, 0.3336



71.1546, 0.2973, 0.3667



71.1546, 0.2608, 0.3204

Sweetspot

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



71.1560, 0.3263, 0.2952



90.3119, 0.3164, 0.3190



66.2318, 0.2907, 0.2764



19.1147, 0.3168, 0.3179



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.



71.1560, 0.3263, 0.2952



65.7752, 0.3300, 0.2873



69.7890, 0.3447, 0.3198



18.1955, 0.3187, 0.3130



12.7195, 0.4227, 0.2102



1.2584, 0.4081, 0.2022

Inverse Universe

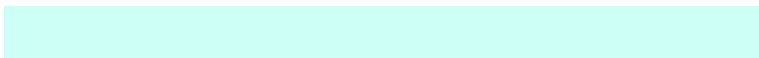
The Inverse Universe completely reimagines the original color for something new.



71.1560, 0.3263, 0.2952



65.7752, 0.3300, 0.2873



91.1435, 0.2880, 0.3385



18.1955, 0.3187, 0.3130



12.7195, 0.4227, 0.2102



1.2584, 0.4081, 0.2022

Previews

White Background



This preview shows how the Yxy color 71.1546, 0.3263, 0.2952 looks on a white background.

Color Contrast Check

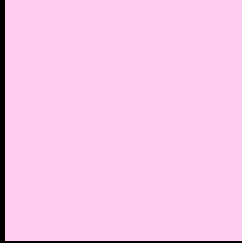
Large Text (above 18pt) WCAG AA × Fail

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 71.1546, 0.3263, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

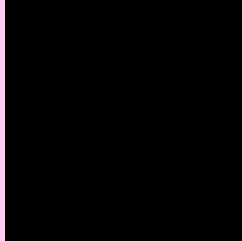
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1546, 0.3263, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 71.1546, 0.3263, 0.2952.



This preview shows how white text looks on a background with the Yxy color 71.1546, 0.3263, 0.2952.

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

71.1546, 0.3263, 0.2952

Protanopia

71.3053, 0.2921, 0.2980

Deuteranopia

71.5312, 0.3110, 0.3050



Tritanopia

71.3762, 0.3354, 0.3128

Trichromacy



Original Color

71.1546, 0.3263, 0.2952

Protanomaly

70.9431, 0.3042, 0.2967

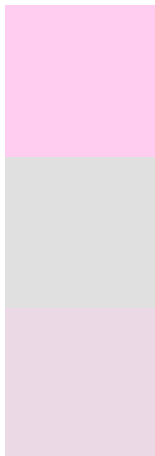
Deuteranomaly

71.4623, 0.3162, 0.3013

Tritanomaly

71.3536, 0.3326, 0.3069

Monochromacy



Original Color

71.1546, 0.3263, 0.2952

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

72.9450, 0.3176, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1546, 0.3263, 0.2952 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(255, 205, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 239)  
}
```

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(255, 205, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 239) }
```

Border

The CSS property to change the border of an element to Yxy 71.1546, 0.3263, 0.2952 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(255, 205, 239) }
```

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

```
.border{ border-color:rgb(255, 205, 239) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1546, 0.3263, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 239) }
```

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

```
.background{ background-color: rgb(255,  
205, 239) }
```

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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