

Converting Colors

$Yxy(71.5261, 0.3275, 0.3043)$

Have a look what the booklet for
Yxy(71.5261, 0.3275, 0.3043)
contains.

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Color

Yxy(71.5042, 0.3273, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0E9
RGB	251, 208, 233
RGB Percent	98%, 82%, 91%
CMY	0.0158, 0.1842, 0.0863
CMYK	0.00, 0.17, 0.07, 0.02
HSL	325°, 84%, 90%
HSV	325°, 17%, 98%
XYZ	77.0353, 71.5042, 86.8265
YIQ	223.7070, 17.6030, 16.8910

Conversions

Conversions Part 2

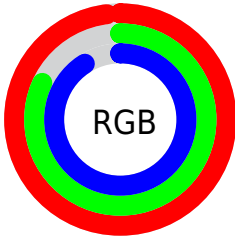
Format	Color
R _Y B	251, 208, 233
Decimal	16503017
CIE Lab	87.73, 19.07, -6.62
CIE LCh	88, 20.187, 340.855
Yxy	71.5042, 0.3273, 0.3038
Android (android.graphics.Color)	4294693097 (0xFFFBD0E9)
YUV	223.7070, 4.5814, 23.9360
Hunter-Lab	84.5602, 14.6353, -1.6870

Details

The Yxy color **71.5042, 0.3273, 0.3038** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.8722, 0.3004, 0.3556**, and the grayscale version is **74.2780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4261, 0.3309, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **59.6389, 0.3381, 0.2883**, and if you desaturate by 10%, it is **85.3477, 0.3182, 0.3188**.

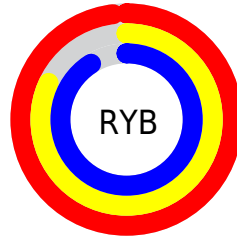
Distribution



Red (98%)

Green (82%)

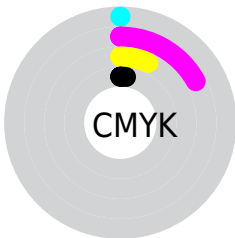
Blue (91%)



Red (98%)

Yellow (82%)

Blue (91%)

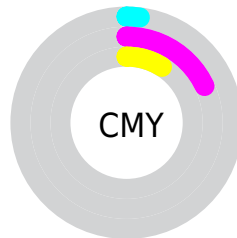


Cyan (0%)

Magenta (17%)

Yellow (7%)

Black (2%)



Cyan (2%)


Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5042, 0.3273, 0.3038 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 71.5042, 0.3273, 0.3038 by changing the saturation by 10% instead.

 71.5042, 0.3273,
0.3038

 71.5042, 0.3273,
0.3038

465.8141, 0.3207,
0.3153

 52.7538, 0.3288,
0.3012


121.3514, 0.3250,
0.3077

 37.6062, 0.3306,
0.2981


153.2169, 0.3241,
0.3093

 25.6772, 0.3330,
0.2941


190.2229, 0.3233,
0.3106

 16.5823, 0.3360,
0.2890

232.7538, 0.3227,
0.3118

 9.9372, 0.3400,
0.2821

281.1940, 0.3221,
0.3128

 5.3573, 0.3457,
0.2724

335.9278, 0.3215,

 2.4584, 0.3545,

0.3137

0.2577

397.3397, 0.3211,
0.3145

0.8557, 0.3696,
0.2328

0.0000, 0.5450,
0.0000

71.5042, 0.3273,
0.3038

71.5042, 0.3273,
0.3038

59.6389, 0.3381,
0.2883

85.3477, 0.3182,
0.3188

49.6508, 0.3508,
0.2728

99.1770, 0.3108,
0.3300

41.4445, 0.3656,
0.2580

99.2416, 0.3102,
0.3290

34.9120, 0.3823,
0.2449

■ 29.9338, 0.4007,
0.2346

■ 26.3742, 0.4202,
0.2285

■ 24.0739, 0.4401,
0.2274

■ 22.8287, 0.4594,
0.2316

■ 22.5754, 0.4649,
0.2335

Harmonies

Analogous

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



71.5042, 0.3024, 0.2916



71.5042, 0.3273, 0.3038



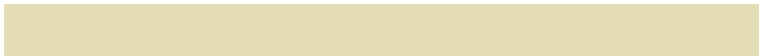
71.5042, 0.3488, 0.3222

Triad

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



71.5042, 0.3273, 0.3038



71.5042, 0.3442, 0.3715



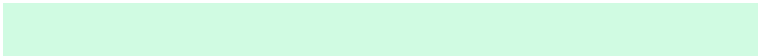
71.5042, 0.2672, 0.3120

Complementary

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



71.5042, 0.3273, 0.3038



87.8722, 0.3004, 0.3556

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.



71.5042, 0.2775, 0.3345



71.5042, 0.3273, 0.3038



71.5042, 0.3215, 0.3701

Square

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



71.5042, 0.3273, 0.3038



71.5042, 0.3586, 0.3611



71.5042, 0.2972, 0.3563



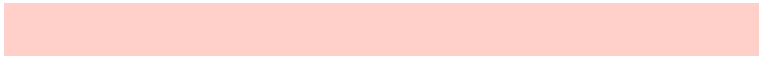
71.5042, 0.2685, 0.2955

Rectangle

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



71.5042, 0.3273, 0.3038



71.5042, 0.3580, 0.3360



71.5042, 0.2972, 0.3563



71.5042, 0.2694, 0.3192

Sweetspot

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



71.5074, 0.3273, 0.3038



91.7943, 0.3165, 0.3219



68.2401, 0.2969, 0.2841



19.4102, 0.3171, 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.



71.5074, 0.3273, 0.3038



69.1034, 0.3313, 0.2978



70.3579, 0.3430, 0.3254



17.3945, 0.3202, 0.3153



11.9007, 0.4619, 0.2318



1.1234, 0.4404, 0.2199

Inverse Universe

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



71.5074, 0.3273, 0.3038



69.1034, 0.3313, 0.2978



89.1208, 0.2887, 0.3327



17.3945, 0.3202, 0.3153



11.9007, 0.4619, 0.2318



1.1234, 0.4404, 0.2199

Previews

White Background



This preview shows how the Yxy color 71.5042, 0.3273, 0.3038 looks on a white background.

Color Contrast Check

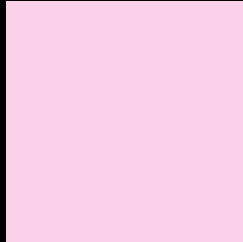
Large Text (above 18pt) WCAG AA × Fail

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 71.5042, 0.3273, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

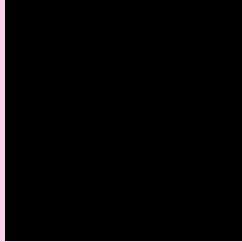
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5042, 0.3273, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 71.5042, 0.3273, 0.3038.



This preview shows how white text looks on a background with the Yxy color 71.5042, 0.3273, 0.3038.

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

71.5042, 0.3273, 0.3038

Protanopia

71.8597, 0.2985, 0.3065

Deuteranopia

71.7522, 0.3165, 0.3102



Tritanopia

71.4159, 0.3315, 0.3117

Trichromacy



Original Color

71.5042, 0.3273, 0.3038

Protanomaly

71.5383, 0.3088, 0.3059

Deuteranomaly

71.6139, 0.3203, 0.3084

Tritanomaly

71.5821, 0.3294, 0.3087

Monochromacy



Original Color

71.5042, 0.3273, 0.3038

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.1813, 0.3182, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5042, 0.3273, 0.3038 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(251, 208, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 233)  
}
```

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(251, 208, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 233) }
```

Border

The CSS property to change the border of an element to Yxy 71.5042, 0.3273, 0.3038 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(251, 208, 233) }
```

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

```
.border{ border-color:rgb(251, 208, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 233);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5042, 0.3273, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 233) }
```

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

```
.background{ background-color: rgb(251,  
208, 233) }
```

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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