

Converting Colors

$Yxy(73.2974, 0.3292, 0.3079)$

Have a look what the booklet for
Yxy(73.2974, 0.3292, 0.3079)
contains.

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Color

Yxy(73.2974, 0.3292, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	FDD3E8
RGB	253, 211, 232
RGB Percent	99%, 83%, 91%
CMY	0.0079, 0.1725, 0.0900
CMYK	0.00, 0.17, 0.08, 0.01
HSL	330°, 91%, 91%
HSV	330°, 17%, 99%
XYZ	78.3680, 73.2974, 86.3905
YIQ	225.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

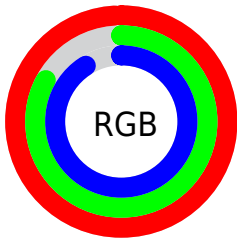
Format	Color
R _Y B	253, 211, 232
Decimal	16634856
CIE Lab	88.59, 18.04, -4.83
CIE LCh	89, 18.672, 345.018
Yxy	73.2974, 0.3292, 0.3079
Android (android.graphics.Color)	4294824936 (0xFFFD3E8)
YUV	225.9520, 2.9817, 23.7211
Hunter-Lab	85.6139, 13.5684, 0.1019

Details

The Yxy color $73.2974, 0.3292, 0.3079$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.9149, 0.2989, 0.3511$, and the grayscale version is $75.9874, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.6473, 0.3334, 0.3033$ is the 20% darker color. If you saturate the color by 10%, you get $61.0117, 0.3419, 0.2945$, and if you desaturate by 10%, it is $87.6192, 0.3186, 0.3209$.

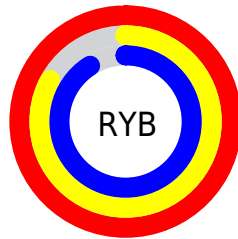
Distribution



Red (99%)

Green (83%)

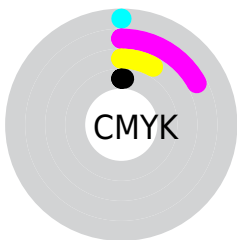
Blue (91%)



Red (99%)

Yellow (83%)

Blue (91%)

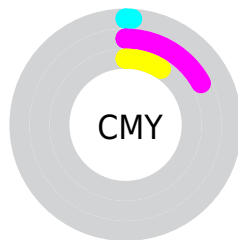


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2974, 0.3292, 0.3079 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 73.2974, 0.3292, 0.3079 by changing the saturation by 10% instead.

 73.2974, 0.3292,
0.3079

 73.2974, 0.3292,
0.3079

472.0449, 0.3217,
0.3175

 54.2192, 0.3309,
0.3057

123.8993, 0.3266,
0.3112

 38.7769, 0.3330,
0.3031


156.1918, 0.3256,
0.3125

 26.5862, 0.3356,
0.2998


193.6578, 0.3247,
0.3136

 17.2627, 0.3391,
0.2955

236.6818, 0.3239,
0.3146

 10.4220, 0.3437,
0.2897

285.6481, 0.3233,
0.3154

 5.6796, 0.3503,
0.2816

340.9411, 0.3227,

 2.6513, 0.3605,

0.3162

0.2692

402.9452, 0.3221,
0.3169

0.9525, 0.3781,
0.2483

0.0000, 0.6355,
0.0000

73.2974, 0.3292,
0.3079

73.2974, 0.3292,
0.3079

61.0117, 0.3419,
0.2945

87.6192, 0.3186,
0.3209

50.6590, 0.3570,
0.2809

99.6199, 0.3115,
0.3290

42.1419, 0.3748,
0.2680

35.3503, 0.3953,
0.2566

■ 30.1626, 0.4181,
0.2479

■ 26.4407, 0.4425,
0.2432

■ 24.0232, 0.4675,
0.2437

■ 22.7073, 0.4916,
0.2497

■ 22.4059, 0.4996,
0.2526

Harmonies

Analogous

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



73.2974, 0.3064, 0.2957



73.2974, 0.3292, 0.3079



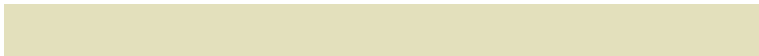
73.2974, 0.3480, 0.3254

Triad

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



73.2974, 0.3292, 0.3079



73.2974, 0.3391, 0.3685



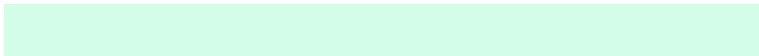
73.2974, 0.2704, 0.3110

Complementary

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



73.2974, 0.3292, 0.3079



89.9149, 0.2989, 0.3511

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.



73.2974, 0.2785, 0.3312



73.2974, 0.3292, 0.3079



73.2974, 0.3177, 0.3655

Square

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



73.2974, 0.3292, 0.3079



73.2974, 0.3536, 0.3604



73.2974, 0.2956, 0.3515



73.2974, 0.2731, 0.2968

Rectangle

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



73.2974, 0.3292, 0.3079



73.2974, 0.3553, 0.3382



73.2974, 0.2956, 0.3515



73.2974, 0.2719, 0.3173

Sweetspot

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



73.3006, 0.3292, 0.3079



91.7302, 0.3171, 0.3229



70.7215, 0.2993, 0.2858



19.3946, 0.3178, 0.3220



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

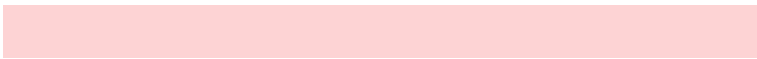
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3006, 0.3292, 0.3079



70.1339, 0.3333, 0.3034



72.2108, 0.3440, 0.3284



18.1389, 0.3215, 0.3171



11.9501, 0.4960, 0.2506



1.1856, 0.4706, 0.2366

Inverse Universe

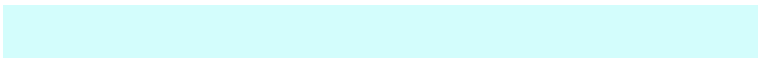
The Inverse Universe completely reimagines the original color for something new.



73.3006, 0.3292, 0.3079



70.1339, 0.3333, 0.3034



91.1378, 0.2879, 0.3296



18.1389, 0.3215, 0.3171



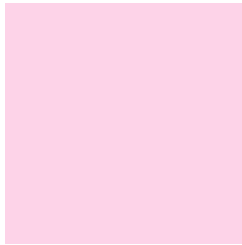
11.9501, 0.4960, 0.2506



1.1856, 0.4706, 0.2366

Previews

White Background



This preview shows how the Yxy color 73.2974, 0.3292, 0.3079 looks on a white background.

Color Contrast Check

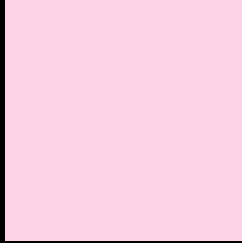
Large Text (above 18pt) WCAG AA × Fail

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 73.2974, 0.3292, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

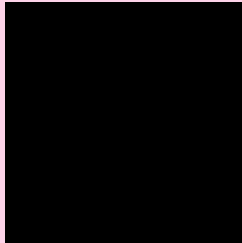
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2974, 0.3292, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 73.2974, 0.3292, 0.3079.



This preview shows how white text looks on a background with the Yxy color 73.2974, 0.3292, 0.3079.

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

73.2974, 0.3292, 0.3079

Protanopia

73.4155, 0.3024, 0.3109

Deuteranopia

73.4065, 0.3200, 0.3135



Tritanopia

73.3839, 0.3312, 0.3129

Trichromacy



Original Color

73.2974, 0.3292, 0.3079

Protanomaly

73.0055, 0.3115, 0.3092

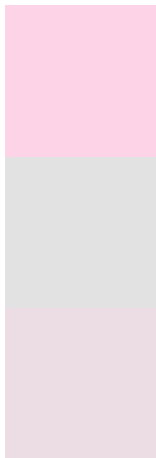
Deuteranomaly

73.2751, 0.3238, 0.3116

Tritanomaly

73.4396, 0.3305, 0.3119

Monochromacy



Original Color

73.2974, 0.3292, 0.3079

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1472, 0.3187, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2974, 0.3292, 0.3079 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, 211, 232)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 232)  
}
```

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, 211, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 232) }
```

Border

The CSS property to change the border of an element to Yxy 73.2974, 0.3292, 0.3079 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, 211, 232) }
```

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

```
.border{ border-color:rgb(253, 211, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 211, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 211, 232); box-shadow:4px 4px 4px 4px rgb(253, 211, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2974, 0.3292, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 232) }
```

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

```
.background{ background-color: rgb(253,  
211, 232) }
```

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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