

Converting Colors

Yxy(71.4857, 0.3292, 0.3098)

Have a look what the booklet for
Yxy(71.4857, 0.3292, 0.3098)
contains.

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Color

Yxy(71.3421, 0.3293, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	F9D1E4
RGB	249, 209, 228
RGB Percent	98%, 82%, 89%
CMY	0.0237, 0.1803, 0.1059
CMYK	0.00, 0.16, 0.08, 0.02
HSL	332°, 77%, 90%
HSV	332°, 16%, 98%
XYZ	75.8571, 71.3421, 83.1595
YIQ	223.1260, 17.7410, 14.3890

Conversions

Conversions Part 2

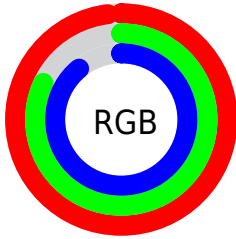
Format	Color
R _Y B	249, 209, 228
Decimal	16372196
CIE Lab	87.65, 17.02, -4.11
CIE LCh	88, 17.509, 346.433
Yxy	71.3421, 0.3293, 0.3097
Android (android.graphics.Color)	4294562276 (0xFFFF9D1E4)
YUV	223.1260, 2.4029, 22.6915
Hunter-Lab	84.4643, 12.4980, 0.7509

Details

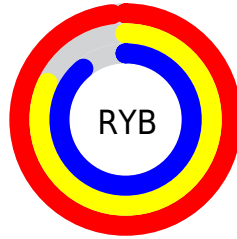
The Yxy color **71.3421, 0.3293, 0.3097** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9957, 0.2988, 0.3491**, and the grayscale version is **73.8580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3348, 0.3327, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **59.3680, 0.3425, 0.2970**, and if you desaturate by 10%, it is **85.2863, 0.3184, 0.3219**.

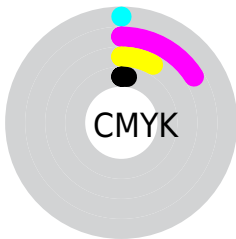
Distribution



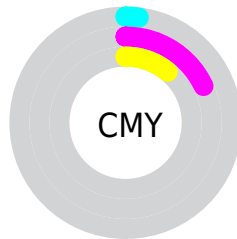
- Red (98%)
- Green (82%)
- Blue (89%)



- Red (98%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3421, 0.3293, 0.3097 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 71.3421, 0.3293, 0.3097 by changing the saturation by 10% instead.

 71.3421, 0.3293,
0.3097

 71.3421, 0.3293,
0.3097


465.2484, 0.3217,
0.3185

 52.6214, 0.3310,
0.3077


121.1207, 0.3267,
0.3127

 37.5006, 0.3332,
0.3052


152.9474, 0.3256,
0.3139

 25.5954, 0.3359,
0.3021


189.9116, 0.3247,
0.3150

 16.5212, 0.3394,
0.2981

232.3977, 0.3240,
0.3159

 9.8937, 0.3443,
0.2927

280.7900, 0.3233,
0.3167

 5.3285, 0.3512,
0.2849

335.4730, 0.3227,

 2.4413, 0.3620,

0.3174

0.2730

396.8310, 0.3221,
0.3180

0.8470, 0.3812,
0.2522

0.0000, 0.9768,
0.0000

71.3421, 0.3293,
0.3097

71.3421, 0.3293,
0.3097

59.3680, 0.3425,
0.2970

85.2863, 0.3184,
0.3219

49.2648, 0.3583,
0.2841

98.8159, 0.3095,
0.3298

40.9392, 0.3769,
0.2718

98.8716, 0.3090,
0.3290

34.2858, 0.3985,
0.2609

■ 29.1880, 0.4226,
0.2526

■ 25.5141, 0.4487,
0.2482

■ 23.1102, 0.4753,
0.2489

■ 21.7855, 0.5009,
0.2552

■ 21.4447, 0.5107,
0.2587

Harmonies

Analogous

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



71.3421, 0.3078, 0.2978



71.3421, 0.3293, 0.3097



71.3421, 0.3467, 0.3265

Triad

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



71.3421, 0.3293, 0.3097



71.3421, 0.3368, 0.3664



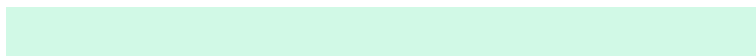
71.3421, 0.2725, 0.3112

Complementary

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



71.3421, 0.3293, 0.3097



86.9957, 0.2988, 0.3491

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.



71.3421, 0.2797, 0.3301



71.3421, 0.3293, 0.3097



71.3421, 0.3165, 0.3630

Square

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



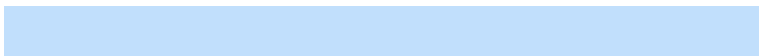
71.3421, 0.3293, 0.3097



71.3421, 0.3510, 0.3593



71.3421, 0.2956, 0.3495



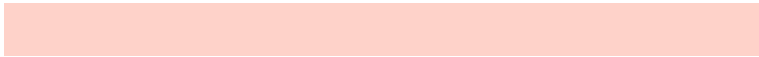
71.3421, 0.2756, 0.2981

Rectangle

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



71.3421, 0.3293, 0.3097



71.3421, 0.3533, 0.3387



71.3421, 0.2956, 0.3495



71.3421, 0.2738, 0.3171

Sweetspot

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



71.3453, 0.3293, 0.3097



91.7094, 0.3174, 0.3232



69.2159, 0.3008, 0.2875



19.3896, 0.3180, 0.3223



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

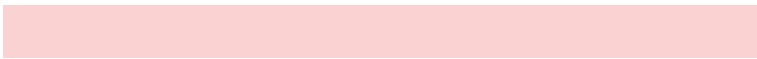
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3453, 0.3293, 0.3097



71.3562, 0.3330, 0.3059



70.6766, 0.3431, 0.3298



17.3625, 0.3219, 0.3178



11.5119, 0.5069, 0.2566



1.0875, 0.4789, 0.2412

Inverse Universe

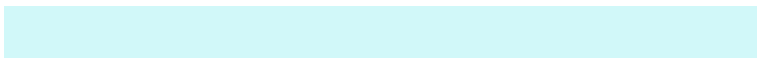
The Inverse Universe completely reimagines the original color for something new.



71.3453, 0.3293, 0.3097



71.3562, 0.3330, 0.3059



87.7090, 0.2883, 0.3282



17.3625, 0.3219, 0.3178



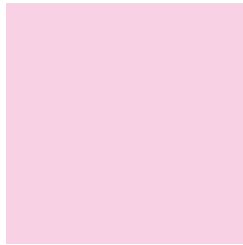
11.5119, 0.5069, 0.2566



1.0875, 0.4789, 0.2412

Previews

White Background



This preview shows how the Yxy color 71.3421, 0.3293, 0.3097 looks on a white background.

Color Contrast Check

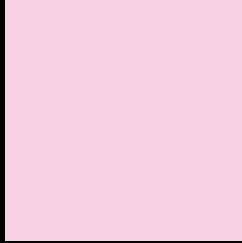
Large Text (above 18pt) WCAG AA × Fail

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 71.3421, 0.3293, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

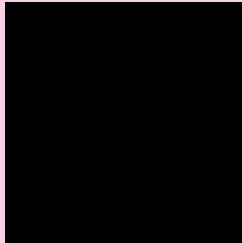
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3421, 0.3293, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 71.3421, 0.3293, 0.3097.

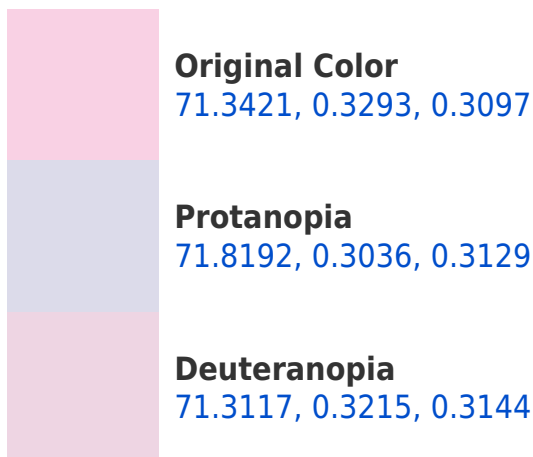


This preview shows how white text looks on a background with the Yxy color 71.3421, 0.3293, 0.3097.

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





Tritanopia

71.2317, 0.3308, 0.3117

Trichromacy



Original Color

71.3421, 0.3293, 0.3097

Protanomaly

71.4160, 0.3128, 0.3111

Deuteranomaly

71.5103, 0.3245, 0.3135

Tritanomaly

71.2867, 0.3300, 0.3107

Monochromacy



Original Color

71.3421, 0.3293, 0.3097

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7349, 0.3181, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3421, 0.3293, 0.3097 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(249, 209, 228)` looks like.

```
.text, #text, p{  
    color:rgb(249, 209, 228)  
}
```

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(249, 209, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 209, 228) }
```

Border

The CSS property to change the border of an element to Yxy 71.3421, 0.3293, 0.3097 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(249, 209, 228) }
```

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

```
.border{ border-color:rgb(249, 209, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 209, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 209, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 209, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 209,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3421, 0.3293, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 209, 228) }
```

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

```
.background{ background-color: rgb(249,  
209, 228) }
```

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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