

Converting Colors

$Y_{xy}(71.3909, 0.3092, 0.2970)$

Have a look what the booklet for
Yxy(71.3909, 0.3092, 0.2970)
contains.

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Color

Yxy(71.3909, 0.3092, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	ECD4F3
RGB	236, 212, 243
RGB Percent	93%, 83%, 95%
CMY	0.0743, 0.1687, 0.0470
CMYK	0.03, 0.13, 0.00, 0.05
HSL	287°, 56%, 89%
HSV	287°, 13%, 95%
XYZ	74.3235, 71.3909, 94.6590
YIQ	222.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

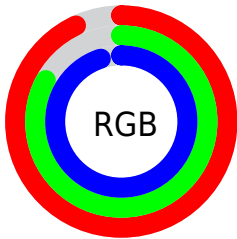
Format	Color
R_{YB}	236, 212, 243
Decimal	15521011
CIE _{Lab}	87.67, 13.77, -12.13
CIE _{LCh}	88, 18.353, 318.620
Yxy	71.3909, 0.3092, 0.2970
Android (android.graphics.Color)	4293711091 (0xFFECD4F3)
YUV	222.7100, 10.0030, 11.6553
Hunter-Lab	84.4931, 9.1526, -7.2784

Details

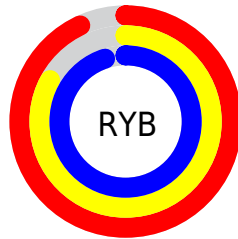
The Yxy color **71.3909, 0.3092, 0.2970** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9098, 0.3157, 0.3622**, and the grayscale version is **73.5059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4051, 0.3080, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **59.2259, 0.3058, 0.2706**, and if you desaturate by 10%, it is **85.4188, 0.3120, 0.3223**.

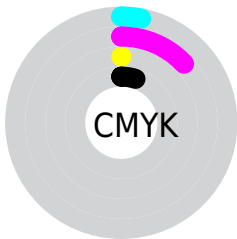
Distribution



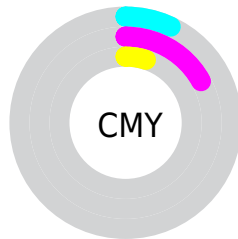
- Red (93%)
- Green (83%)
- Blue (95%)



- Red (93%)
- Yellow (83%)
- Blue (95%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3909, 0.3092, 0.2970 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 71.3909, 0.3092, 0.2970 by changing the saturation by 10% instead.

 71.3909, 0.3092,
0.2970

 71.3909, 0.3092,
0.2970

465.4188, 0.3110,
0.3115

 52.6613, 0.3088,
0.2938


121.1902, 0.3098,
0.3020

 37.5324, 0.3082,
0.2898


153.0286, 0.3101,
0.3039

 25.6200, 0.3075,
0.2848


190.0053, 0.3103,
0.3056

 16.5396, 0.3065,
0.2784

232.5049, 0.3105,
0.3071

 9.9068, 0.3050,
0.2698

280.9116, 0.3106,
0.3084

 5.3372, 0.3028,
0.2578

335.6099, 0.3108,

 2.4464, 0.2991,

0.3095

0.2397

396.9842, 0.3109,
0.3106

0.8496, 0.2916,
0.2097

0.0000, 0.1388,
0.0000

71.3909, 0.3092,
0.2970

71.3909, 0.3092,
0.2970

59.2259, 0.3058,
0.2706

85.4188, 0.3120,
0.3223

48.8331, 0.3017,
0.2438

97.7570, 0.3146,
0.3407

40.1276, 0.2970,
0.2174

98.7632, 0.3180,
0.3406

33.0140, 0.2918,
0.1924

99.2513, 0.3197,
0.3405

■ 27.3873, 0.2861,
0.1700

■ 23.1296, 0.2801,
0.1512

■ 20.1050, 0.2740,
0.1368

■ 18.1490, 0.2680,
0.1272

■ 17.2196, 0.2637,
0.1226

Harmonies

Analogous

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



71.3909, 0.2884, 0.2918



71.3909, 0.3092, 0.2970



71.3909, 0.3316, 0.3100

Triad

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



71.3909, 0.3092, 0.2970



71.3909, 0.3521, 0.3616



71.3909, 0.2773, 0.3286

Complementary

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



71.3909, 0.3092, 0.2970



83.9098, 0.3157, 0.3622

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.



71.3909, 0.2934, 0.3491



71.3909, 0.3092, 0.2970



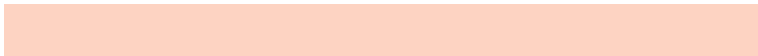
71.3909, 0.3366, 0.3684

Square

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



71.3909, 0.3092, 0.2970



71.3909, 0.3569, 0.3465



71.3909, 0.3150, 0.3640



71.3909, 0.2705, 0.3091

Rectangle

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



71.3909, 0.3092, 0.2970



71.3909, 0.3443, 0.3215



71.3909, 0.3150, 0.3640



71.3909, 0.2817, 0.3357

Sweetspot

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



71.3940, 0.3092, 0.2970



93.2321, 0.3117, 0.3192



71.2490, 0.2925, 0.3033



19.6914, 0.3115, 0.3173



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.



71.3940, 0.3092, 0.2970



76.3844, 0.3085, 0.2911



72.1209, 0.3199, 0.3057



16.5697, 0.3102, 0.3054



9.5131, 0.2646, 0.1231



0.8810, 0.2720, 0.1272

Inverse Universe

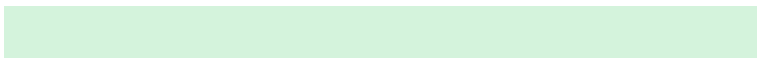
The Inverse Universe completely reimagines the original color for something new.



71.2502, 0.3310, 0.3218



76.2116, 0.3348, 0.3205



83.2808, 0.3063, 0.3535



16.5434, 0.3258, 0.3237



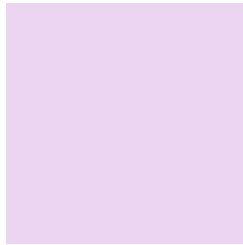
10.6236, 0.6008, 0.3083



0.9486, 0.5666, 0.2895

Previews

White Background



This preview shows how the Yxy color 71.3909, 0.3092, 0.2970 looks on a white background.

Color Contrast Check

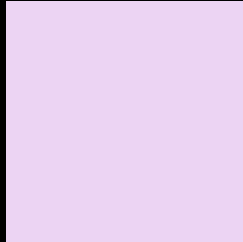
Large Text (above 18pt) WCAG AA × Fail

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 71.3909, 0.3092, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

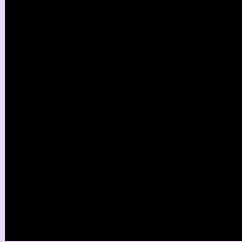
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

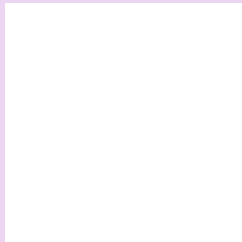
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3909, 0.3092, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 71.3909, 0.3092, 0.2970.



This preview shows how white text looks on a background with the Yxy color 71.3909, 0.3092, 0.2970.

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

71.3909, 0.3092, 0.2970

Protanopia

71.4571, 0.2927, 0.2981

Deuteranopia

71.5531, 0.3056, 0.2988



Tritanopia

71.3551, 0.3157, 0.3112

Trichromacy



Original Color

71.3909, 0.3092, 0.2970

Protanomaly

71.4535, 0.2981, 0.2974

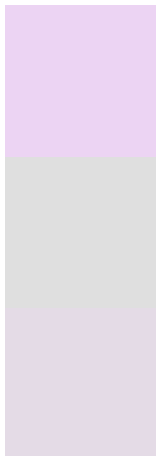
Deuteranomaly

71.3832, 0.3070, 0.2979

Tritanomaly

71.2488, 0.3138, 0.3061

Monochromacy



Original Color

71.3909, 0.3092, 0.2970

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8702, 0.3118, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3909, 0.3092, 0.2970 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(236, 212, 243)` looks like.

```
.text, #text, p{  
    color:rgb(236, 212, 243)  
}
```

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(236, 212, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 212, 243) }
```

Border

The CSS property to change the border of an element to Yxy 71.3909, 0.3092, 0.2970 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(236, 212, 243) }
```

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

```
.border{ border-color:rgb(236, 212, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 212, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 212, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 212, 243);  
box-shadow:4px 4px 4px 4px rgb(236, 212,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3909, 0.3092, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 212, 243) }
```

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

```
.background{ background-color: rgb(236,  
212, 243) }
```

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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