

Converting Colors

$Yxy(71.8768, 0.3097, 0.3020)$

Have a look what the booklet for
Yxy(71.8768, 0.3097, 0.3020)
contains.

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Color

Yxy(71.8768, 0.3097, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	EAD6F0
RGB	234, 214, 240
RGB Percent	92%, 84%, 94%
CMY	0.0823, 0.1608, 0.0589
CMYK	0.02, 0.11, 0.00, 0.06
HSL	286°, 46%, 89%
HSV	286°, 11%, 94%
XYZ	73.7094, 71.8768, 92.4164
YIQ	222.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

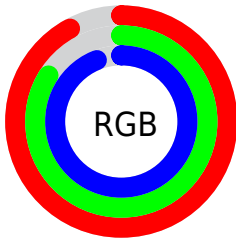
Format	Color
R_{YB}	234, 214, 240
Decimal	15390448
CIE _{Lab}	87.91, 11.49, -10.21
CIE _{LCh}	88, 15.368, 318.375
Yxy	71.8768, 0.3097, 0.3020
Android (android.graphics.Color)	4293580528 (0xFFEAD6F0)
YUV	222.9440, 8.4086, 9.6961
Hunter-Lab	84.7802, 6.8258, -5.2842

Details

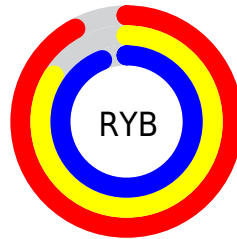
The Yxy color **71.8768, 0.3097, 0.3020** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.3789, 0.3153, 0.3568**, and the grayscale version is **73.6903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7219, 0.3087, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **59.6957, 0.3063, 0.2758**, and if you desaturate by 10%, it is **85.8826, 0.3125, 0.3270**.

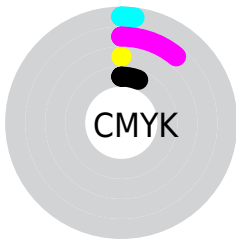
Distribution



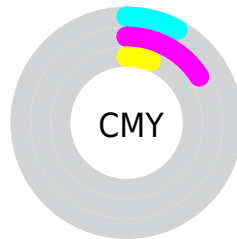
- Red (92%)
- Green (84%)
- Blue (94%)



- Red (92%)
- Yellow (84%)
- Blue (94%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)





- Cyan (8%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8768, 0.3097, 0.3020 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 71.8768, 0.3097, 0.3020 by changing the saturation by 10% instead.


 71.8768, 0.3097,
0.3020

 71.8768, 0.3097,
0.3020

467.1127, 0.3112,
0.3143

 53.0580, 0.3093,
0.2992


121.8814, 0.3102,
0.3062

 37.8491, 0.3089,
0.2959

153.8359, 0.3104,
0.3079

 25.8656, 0.3083,
0.2916


190.9379, 0.3106,
0.3093

 16.7231, 0.3074,
0.2861

233.5717, 0.3108,
0.3106

 10.0373, 0.3063,
0.2788

282.1217, 0.3109,
0.3117

 5.4237, 0.3044,
0.2684

336.9722, 0.3110,

 2.4979, 0.3014,

0.3126

0.2527

398.5078, 0.3111,
0.3135

■ 0.8756, 0.2953,
0.2263

■ 0.0000, 0.1158,
0.0000

■ 71.8768, 0.3097,
0.3020

■ 71.8768, 0.3097,
0.3020

■ 59.6957, 0.3063,
0.2758

■ 85.8826, 0.3125,
0.3270

■ 49.2518, 0.3023,
0.2490

■ 97.2307, 0.3152,
0.3437

■ 40.4644, 0.2976,
0.2223

■ 98.2369, 0.3186,
0.3436

■ 33.2423, 0.2923,
0.1969

■ 99.0706, 0.3215,
0.3434

■ 27.4857, 0.2865,
0.1738

■ 23.0831, 0.2804,
0.1541

■ 19.9066, 0.2742,
0.1388

■ 17.8033, 0.2680,
0.1281

■ 16.5898, 0.2625,
0.1219

Harmonies

Analogous

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



71.8768, 0.2923, 0.2977



71.8768, 0.3097, 0.3020



71.8768, 0.3284, 0.3129

Triad

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



71.8768, 0.3097, 0.3020



71.8768, 0.3457, 0.3562



71.8768, 0.2831, 0.3289

Complementary

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



71.8768, 0.3097, 0.3020



82.3789, 0.3153, 0.3568

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.



71.8768, 0.2967, 0.3459



71.8768, 0.3097, 0.3020



71.8768, 0.3328, 0.3618

Square

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



71.8768, 0.3097, 0.3020



71.8768, 0.3495, 0.3437



71.8768, 0.3149, 0.3581



71.8768, 0.2773, 0.3126

Rectangle

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



71.8768, 0.3097, 0.3020



71.8768, 0.3390, 0.3227



71.8768, 0.3149, 0.3581



71.8768, 0.2869, 0.3348

Sweetspot

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



71.8799, 0.3097, 0.3020



94.8841, 0.3119, 0.3217



71.8070, 0.2958, 0.3075



20.0235, 0.3117, 0.3197



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.



71.8799, 0.3097, 0.3020



79.2276, 0.3090, 0.2963



72.5031, 0.3187, 0.3093



15.8378, 0.3101, 0.3055



9.1453, 0.2634, 0.1225



0.8048, 0.2713, 0.1268

Inverse Universe

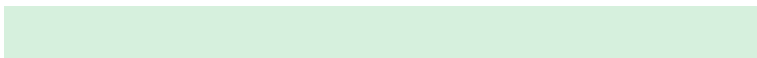
The Inverse Universe completely reimagines the original color for something new.



71.7822, 0.3278, 0.3228



79.1059, 0.3313, 0.3215



81.8262, 0.3072, 0.3495



15.8183, 0.3257, 0.3236



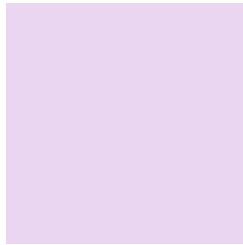
10.3093, 0.5991, 0.3074



0.8724, 0.5627, 0.2874

Previews

White Background



This preview shows how the Yxy color 71.8768, 0.3097, 0.3020 looks on a white background.

Color Contrast Check

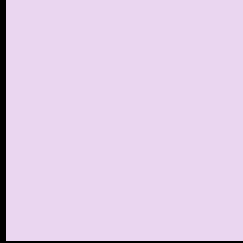
Large Text (above 18pt) WCAG AA × Fail

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 71.8768, 0.3097, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

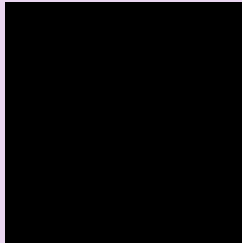
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

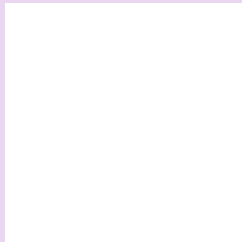
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8768, 0.3097, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 71.8768, 0.3097, 0.3020.



This preview shows how white text looks on a background with the Yxy color 71.8768, 0.3097, 0.3020.

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

71.8768, 0.3097, 0.3020

Protanopia

72.0395, 0.2966, 0.3034

Deuteranopia

71.7080, 0.3090, 0.3019



Tritanopia

71.7507, 0.3143, 0.3112

Trichromacy



Original Color

71.8768, 0.3097, 0.3020

Protanomaly

71.8838, 0.3013, 0.3026

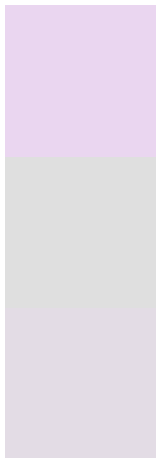
Deuteranomaly

71.7080, 0.3090, 0.3019

Tritanomaly

71.9227, 0.3123, 0.3081

Monochromacy



Original Color

71.8768, 0.3097, 0.3020

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1744, 0.3117, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8768, 0.3097, 0.3020 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(234, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(234, 214, 240)  
}
```

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(234, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 214, 240) }
```

Border

The CSS property to change the border of an element to Yxy 71.8768, 0.3097, 0.3020 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(234, 214, 240) }
```

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

```
.border{ border-color:rgb(234, 214, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 214, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(234, 214,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8768, 0.3097, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 214, 240) }
```

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

```
.background{ background-color: rgb(234,  
214, 240) }
```

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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