

Converting Colors

$Yxy(72.3398, 0.3065, 0.2980)$

Have a look what the booklet for
Yxy(72.3398, 0.3065, 0.2980)
contains.

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Color

Yxy(72.1172, 0.3070, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	EAD6F4
RGB	234, 214, 244
RGB Percent	92%, 84%, 96%
CMY	0.0825, 0.1607, 0.0431
CMYK	0.04, 0.12, 0.00, 0.04
HSL	280°, 58%, 90%
HSV	280°, 12%, 96%
XYZ	74.2952, 72.1172, 95.5916
YIQ	223.4000, 2.2900, 13.5700

Conversions

Conversions Part 2

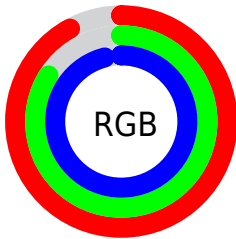
Format	Color
RYB	234, 214, 244
Decimal	15390452
CIELab	88.02, 12.20, -12.15
CIELCh	88, 17.222, 315.117
Yxy	72.1172, 0.3070, 0.2980
Android (android.graphics.Color)	4293580532 (0xFFEAD6F4)
YUV	223.4000, 10.1558, 9.2962
Hunter-Lab	84.9218, 7.5504, -7.2940

Details

The Yxy color $72.1172, 0.3070, 0.2980$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85.4164, 0.3178, 0.3607$, and the grayscale version is $74.0144, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8921, 0.3052, 0.2903$ is the 20% darker color. If you saturate the color by 10%, you get $59.3272, 0.3014, 0.2711$, and if you desaturate by 10%, it is $86.8272, 0.3117, 0.3234$.

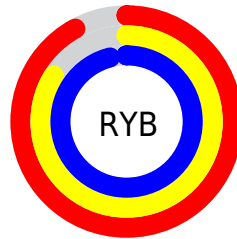
Distribution



Red (92%)

Green (84%)

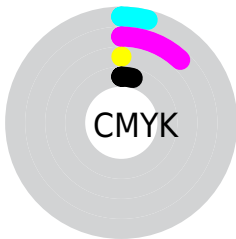
Blue (96%)



Red (92%)

Yellow (84%)

Blue (96%)

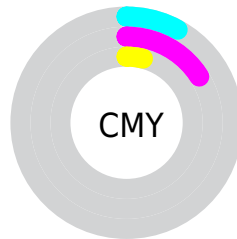


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (8%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1172, 0.3070, 0.2980 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 72.1172, 0.3070, 0.2980 by changing the saturation by 10% instead.

 72.1172, 0.3070,
0.2980

 72.1172, 0.3070,
0.2980

467.9494, 0.3098,
0.3121

 53.2544, 0.3063,
0.2949


122.2231, 0.3080,
0.3028

 38.0059, 0.3055,
0.2910


154.2351, 0.3084,
0.3047

 25.9873, 0.3044,
0.2862

191.3989, 0.3087,
0.3063

 16.8141, 0.3030,
0.2800

234.0989, 0.3090,
0.3078

 10.1021, 0.3010,
0.2717

282.7196, 0.3092,
0.3090

 5.4667, 0.2979,
0.2600

337.6453, 0.3094,

 2.5236, 0.2930,

0.3102

0.2425

399.2605, 0.3096,
0.3112

0.8884, 0.2835,
0.2135

0.0000, 0.1284,
0.0000

72.1172, 0.3070,
0.2980

72.1172, 0.3070,
0.2980

59.3272, 0.3014,
0.2711

86.8272, 0.3117,
0.3234

48.3652, 0.2948,
0.2433

98.4329, 0.3161,
0.3396

39.1451, 0.2874,
0.2153

99.3117, 0.3191,
0.3396

31.5705, 0.2791,
0.1884

■ 25.5351, 0.2703,
0.1637

■ 20.9199, 0.2611,
0.1424

■ 17.5879, 0.2519,
0.1256

■ 15.3740, 0.2431,
0.1139

■ 14.2357, 0.2366,
0.1077

Harmonies

Analogous

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



72.1172, 0.2880, 0.2941



72.1172, 0.3070, 0.2980



72.1172, 0.3281, 0.3094

Triad

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



72.1172, 0.3070, 0.2980



72.1172, 0.3506, 0.3582



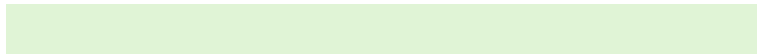
72.1172, 0.2809, 0.3310

Complementary

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



72.1172, 0.3070, 0.2980



85.4164, 0.3178, 0.3607

Split Complementary

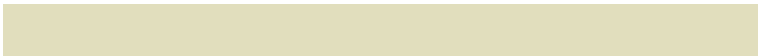
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1172, 0.2968, 0.3498



72.1172, 0.3070, 0.2980



72.1172, 0.3371, 0.3656

Square

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



72.1172, 0.3070, 0.2980



72.1172, 0.3538, 0.3435



72.1172, 0.3173, 0.3627



72.1172, 0.2734, 0.3123

Rectangle

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



72.1172, 0.3070, 0.2980



72.1172, 0.3404, 0.3200



72.1172, 0.3173, 0.3627



72.1172, 0.2854, 0.3375

Sweetspot

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



72.1203, 0.3070, 0.2980



93.0212, 0.3110, 0.3192



74.4194, 0.2934, 0.3082



19.6379, 0.3106, 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.



72.1203, 0.3070, 0.2980



75.6259, 0.3055, 0.2907



73.5993, 0.3172, 0.3031



16.4739, 0.3084, 0.3053



7.8185, 0.2379, 0.1084



0.7433, 0.2484, 0.1142

Inverse Universe

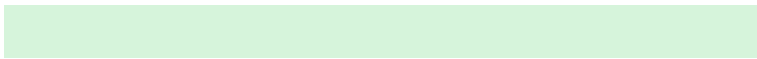
The Inverse Universe completely reimagines the original color for something new.



72.7231, 0.3279, 0.3187



76.4460, 0.3318, 0.3162



84.0903, 0.3085, 0.3563



16.5742, 0.3241, 0.3211



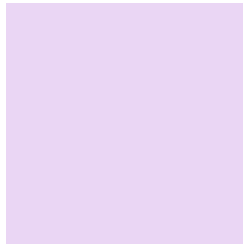
10.8100, 0.5635, 0.2878



0.9684, 0.5285, 0.2685

Previews

White Background



This preview shows how the Yxy color 72.1172, 0.3070, 0.2980 looks on a white background.

Color Contrast Check

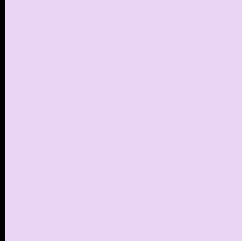
Large Text (above 18pt) WCAG AA × Fail

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 72.1172, 0.3070, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

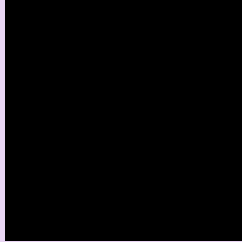
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

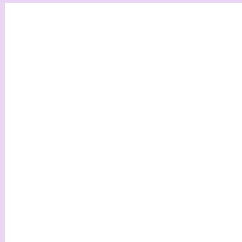
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1172, 0.3070, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 72.1172, 0.3070, 0.2980.



This preview shows how white text looks on a background with the Yxy color 72.1172, 0.3070, 0.2980.

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

72.1172, 0.3070, 0.2980

Protanopia

72.1301, 0.2934, 0.2992

Deuteranopia

72.2883, 0.3056, 0.2989



Tritanopia

72.1507, 0.3128, 0.3111

Trichromacy



Original Color

72.1172, 0.3070, 0.2980

Protanomaly

71.9675, 0.2981, 0.2984

Deuteranomaly

72.4562, 0.3063, 0.2990

Tritanomaly

72.0389, 0.3109, 0.3060

Monochromacy



Original Color

72.1172, 0.3070, 0.2980

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.2868, 0.3104, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1172, 0.3070, 0.2980 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(234, 214, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 214, 244) }
```

Border

The CSS property to change the border of an element to Yxy 72.1172, 0.3070, 0.2980 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, 244) }
```

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

```
.border{ border-color:rgb(234, 214, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 214, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 214, 244);  
box-shadow:4px 4px 4px 4px rgb(234, 214,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1172, 0.3070, 0.2980 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, 244) }
```

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

```
.background{ background-color: rgb(234,  
214, 244) }
```

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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