

Converting Colors

Yxy(71.0638, 0.3142, 0.3006)

Have a look what the booklet for
Yxy(71.0638, 0.3142, 0.3006)
contains.

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Color

Yxy(71.1123, 0.3148, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	EFD3EE
RGB	239, 211, 238
RGB Percent	94%, 83%, 93%
CMY	0.0627, 0.1725, 0.0668
CMYK	0.00, 0.12, 0.00, 0.06
HSL	302°, 47%, 88%
HSV	302°, 12%, 94%
XYZ	74.3232, 71.1123, 90.6611
YIQ	222.4500, 8.0210, 14.3330

Conversions

Conversions Part 2

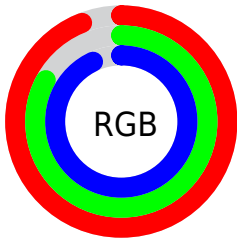
Format	Color
R _Y B	239, 211, 238
Decimal	15717358
CIE Lab	87.54, 14.35, -9.64
CIE LCh	88, 17.289, 326.115
Yxy	71.1123, 0.3148, 0.3012
Android (android.graphics.Color)	4293907438 (0xFFEFD3EE)
YUV	222.4500, 7.6662, 14.5144
Hunter-Lab	84.3281, 9.7481, -4.7130

Details

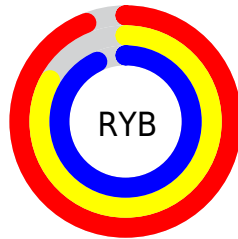
The Yxy color **71.1123, 0.3148, 0.3012** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.3529, 0.3106, 0.3585**, and the grayscale version is **73.3241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2216, 0.3153, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **60.0553, 0.3167, 0.2769**, and if you desaturate by 10%, it is **83.9416, 0.3130, 0.3250**.

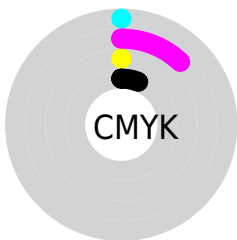
Distribution



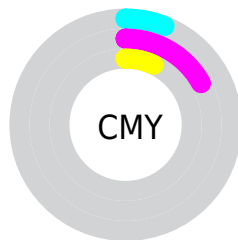
- Red (94%)
- Green (83%)
- Blue (93%)



- Red (94%)
- Yellow (83%)
- Blue (93%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1123, 0.3148, 0.3012 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 71.1123, 0.3148, 0.3012 by changing the saturation by 10% instead.


 71.1123, 0.3148,
0.3012

 71.1123, 0.3148,
0.3012

464.4459, 0.3140,
0.3138

 52.4338, 0.3150,
0.2984


120.7936, 0.3145,
0.3055

 37.3510, 0.3152,
0.2949


152.5653, 0.3144,
0.3072

 25.4794, 0.3154,
0.2905


189.4701, 0.3143,
0.3087

 16.4346, 0.3156,
0.2849

231.8925, 0.3142,
0.3100

 9.8322, 0.3159,
0.2773

280.2169, 0.3142,
0.3111

 5.2878, 0.3162,
0.2667

334.8277, 0.3141,

 2.4171, 0.3163,

0.3121

0.2505

396.1092, 0.3140,
0.3130

0.8347, 0.3158,
0.2232

0.0000, 0.1951,
0.0000

71.1123, 0.3148,
0.3012

71.1123, 0.3148,
0.3012

60.0553, 0.3167,
0.2769

83.9416, 0.3130,
0.3250

50.6835, 0.3188,
0.2528

96.1527, 0.3115,
0.3441

42.9168, 0.3209,
0.2299

96.2070, 0.3110,
0.3432

36.6645, 0.3229,
0.2089

96.2616, 0.3105,
0.3422

31.8271, 0.3249,
0.1910

96.3164, 0.3100,
0.3413

28.2932, 0.3268,
0.1769

96.3715, 0.3095,
0.3404

25.9347, 0.3284,
0.1670

96.4268, 0.3089,
0.3395

24.5977, 0.3298,
0.1615

96.4825, 0.3084,
0.3386

24.0625, 0.3308,
0.1596

96.5384, 0.3079,
0.3377

Harmonies

Analogous

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



71.1123, 0.2942, 0.2943



71.1123, 0.3148, 0.3012



71.1123, 0.3354, 0.3149

Triad

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



71.1123, 0.3148, 0.3012



71.1123, 0.3470, 0.3622



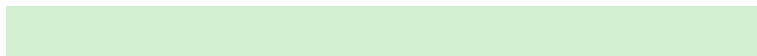
71.1123, 0.2767, 0.3238

Complementary

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



71.1123, 0.3148, 0.3012



80.3529, 0.3106, 0.3585

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.



71.1123, 0.2900, 0.3434



71.1123, 0.3148, 0.3012



71.1123, 0.3305, 0.3661

Square

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



71.1123, 0.3148, 0.3012



71.1123, 0.3543, 0.3496



71.1123, 0.3096, 0.3593



71.1123, 0.2728, 0.3064

Rectangle

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



71.1123, 0.3148, 0.3012



71.1123, 0.3462, 0.3264



71.1123, 0.3096, 0.3593



71.1123, 0.2802, 0.3303

Sweetspot

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



71.1154, 0.3148, 0.3012



93.6388, 0.3134, 0.3196



66.8115, 0.2948, 0.2984



19.7947, 0.3135, 0.3178



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.



71.1154, 0.3148, 0.3012



79.2123, 0.3152, 0.2956



70.3312, 0.3245, 0.3153



16.0204, 0.3144, 0.3066



13.2992, 0.3307, 0.1595



1.1096, 0.3293, 0.1588

Inverse Universe

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



71.1154, 0.3148, 0.3012



79.2123, 0.3152, 0.2956



81.0838, 0.3024, 0.3431



16.0204, 0.3144, 0.3066



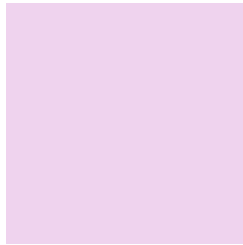
13.2992, 0.3307, 0.1595



1.1096, 0.3293, 0.1588

Previews

White Background



This preview shows how the Yxy color 71.1123, 0.3148, 0.3012 looks on a white background.

Color Contrast Check

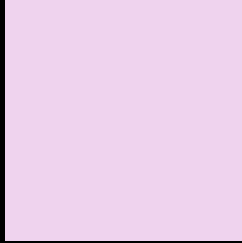
Large Text (above 18pt) WCAG AA × Fail

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 71.1123, 0.3148, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

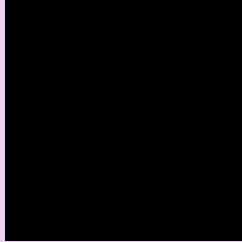
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1123, 0.3148, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 71.1123, 0.3148, 0.3012.



This preview shows how white text looks on a background with the Yxy color 71.1123, 0.3148, 0.3012.

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

71.1123, 0.3148, 0.3012

Protanopia

71.3053, 0.2965, 0.3033

Deuteranopia

71.0266, 0.3110, 0.3039



Tritanopia

70.9213, 0.3202, 0.3113

Trichromacy



Original Color

71.1123, 0.3148, 0.3012

Protanomaly

70.9593, 0.3027, 0.3015

Deuteranomaly

70.8636, 0.3125, 0.3030

Tritanomaly

71.0903, 0.3181, 0.3082

Monochromacy



Original Color

71.1123, 0.3148, 0.3012

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2382, 0.3132, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1123, 0.3148, 0.3012 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(239, 211, 238)` looks like.

```
.text, #text, p{  
    color:rgb(239, 211, 238)  
}
```

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(239, 211, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 211, 238) }
```

Border

The CSS property to change the border of an element to Yxy 71.1123, 0.3148, 0.3012 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(239, 211, 238) }
```

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

```
.border{ border-color:rgb(239, 211, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 211, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 211, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 211, 238); box-shadow:4px 4px 4px 4px rgb(239, 211, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1123, 0.3148, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 211, 238) }
```

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

```
.background{ background-color: rgb(239,  
211, 238) }
```

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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