

Converting Colors

Yxy(71.8402, 0.3126, 0.2988)

Have a look what the booklet for
Yxy(71.8402, 0.3126, 0.2988)
contains.

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Color

Yxy(71.7886, 0.3127, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	EFD4F1
RGB	239, 212, 241
RGB Percent	94%, 83%, 95%
CMY	0.0626, 0.1687, 0.0549
CMYK	0.01, 0.12, 0.00, 0.05
HSL	296°, 51%, 89%
HSV	296°, 12%, 95%
XYZ	75.0277, 71.7886, 93.1188
YIQ	223.3790, 6.7830, 14.7430

Conversions

Conversions Part 2

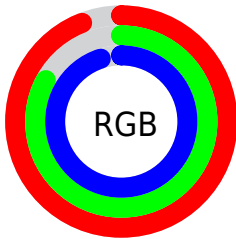
Format	Color
R _Y B	239, 212, 241
Decimal	15717617
CIE Lab	87.87, 14.39, -10.76
CIE LCh	88, 17.971, 323.219
Yxy	71.7886, 0.3127, 0.2992
Android (android.graphics.Color)	4293907697 (0xFFEFD4F1)
YUV	223.3790, 8.6872, 13.6996
Hunter-Lab	84.7282, 9.7895, -5.8518

Details

The Yxy color **71.7886, 0.3127, 0.2992** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.9503, 0.3125, 0.3604**, and the grayscale version is **74.0138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6840, 0.3126, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **60.3479, 0.3125, 0.2737**, and if you desaturate by 10%, it is **85.0363, 0.3127, 0.3241**.

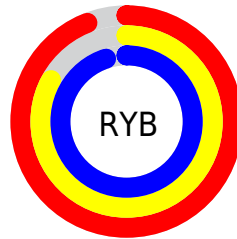
Distribution



Red (94%)

Green (83%)

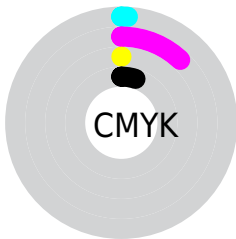
Blue (95%)



Red (94%)

Yellow (83%)

Blue (95%)

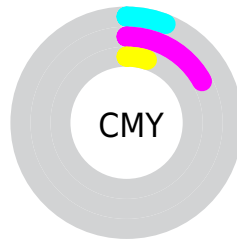


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (6%)


Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7886, 0.3127, 0.2992 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 71.7886, 0.3127, 0.2992 by changing the saturation by 10% instead.


 71.7886, 0.3127,
0.2992

 71.7886, 0.3127,
0.2992


466.8055, 0.3128,
0.3127

 52.9860, 0.3126,
0.2962


121.7559, 0.3128,
0.3038

 37.7916, 0.3125,
0.2925


153.6894, 0.3128,
0.3057

 25.8210, 0.3124,
0.2878


190.7687, 0.3128,
0.3072

 16.6898, 0.3122,
0.2819

233.3782, 0.3128,
0.3086

 10.0135, 0.3118,
0.2739

281.9022, 0.3128,
0.3098

 5.4079, 0.3111,
0.2627

336.7251, 0.3128,

 2.4885, 0.3097,

0.3109

0.2458

398.2314, 0.3128,
0.3118

0.8709, 0.3065,
0.2177

0.0000, 0.2040,
0.0000

71.7886, 0.3127,
0.2992

71.7886, 0.3127,
0.2992

60.3479, 0.3125,
0.2737

85.0363, 0.3127,
0.3241

50.6255, 0.3121,
0.2483

96.7995, 0.3129,
0.3428

42.5391, 0.3115,
0.2238

97.0884, 0.3139,
0.3427

35.9961, 0.3106,
0.2014

97.3799, 0.3149,
0.3427

30.8945, 0.3096,
0.1818

97.6740, 0.3159,
0.3427

27.1204, 0.3083,
0.1661

97.9706, 0.3169,
0.3426

24.5421, 0.3068,
0.1548

98.2698, 0.3180,
0.3426

23.0016, 0.3051,
0.1478

98.5716, 0.3190,
0.3425

22.3211, 0.3038,
0.1447

98.8759, 0.3200,
0.3425

Harmonies

Analogous

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



71.7886, 0.2917, 0.2928



71.7886, 0.3127, 0.2992



71.7886, 0.3343, 0.3128

Triad

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



71.7886, 0.3127, 0.2992



71.7886, 0.3495, 0.3625



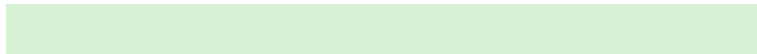
71.7886, 0.2764, 0.3255

Complementary

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



71.7886, 0.3127, 0.2992



81.9503, 0.3125, 0.3604

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.



71.7886, 0.2909, 0.3458



71.7886, 0.3127, 0.2992



71.7886, 0.3330, 0.3676

Square

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



71.7886, 0.3127, 0.2992



71.7886, 0.3559, 0.3487



71.7886, 0.3116, 0.3616



71.7886, 0.2713, 0.3071

Rectangle

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



71.7886, 0.3127, 0.2992



71.7886, 0.3460, 0.3245



71.7886, 0.3116, 0.3616



71.7886, 0.2803, 0.3324

Sweetspot

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



71.7917, 0.3127, 0.2992



93.5338, 0.3127, 0.3192



68.6465, 0.2937, 0.3001



19.7680, 0.3127, 0.3174



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.



71.7917, 0.3127, 0.2992



78.8466, 0.3127, 0.2941



71.4351, 0.3224, 0.3115



15.9741, 0.3127, 0.3057



12.1283, 0.3041, 0.1449



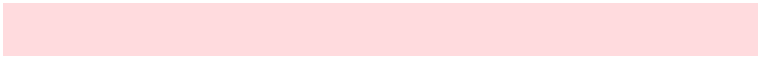
1.0251, 0.3064, 0.1462

Inverse Universe

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



70.6351, 0.3331, 0.3270



77.3378, 0.3370, 0.3267



82.2913, 0.3041, 0.3472



15.7761, 0.3283, 0.3274



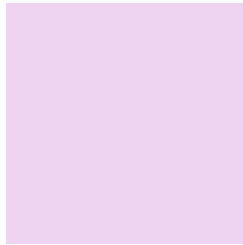
10.1685, 0.6329, 0.3260



0.8519, 0.6150, 0.3161

Previews

White Background



This preview shows how the Yxy color 71.7886, 0.3127, 0.2992 looks on a white background.

Color Contrast Check

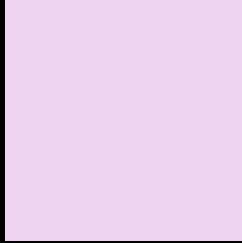
Large Text (above 18pt) WCAG AA × Fail

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 71.7886, 0.3127, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

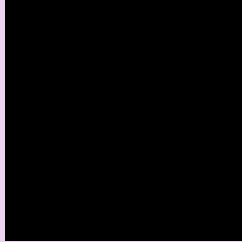
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

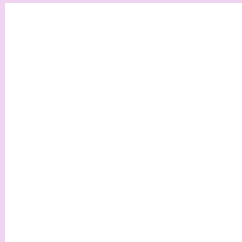
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7886, 0.3127, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 71.7886, 0.3127, 0.2992.



This preview shows how white text looks on a background with the Yxy color 71.7886, 0.3127, 0.2992.

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

71.7886, 0.3127, 0.2992

Protanopia

72.0073, 0.2947, 0.3013

Deuteranopia

71.7676, 0.3083, 0.3009



Tritanopia

71.8672, 0.3179, 0.3113

Trichromacy



Original Color

71.7886, 0.3127, 0.2992

Protanomaly

71.6509, 0.3007, 0.2995

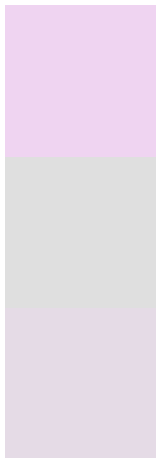
Deuteranomaly

71.6015, 0.3098, 0.3000

Tritanomaly

71.7638, 0.3160, 0.3062

Monochromacy



Original Color

71.7886, 0.3127, 0.2992

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0342, 0.3126, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7886, 0.3127, 0.2992 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, 212, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 212, 241)  
}
```

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, 212, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 212, 241) }
```

Border

The CSS property to change the border of an element to Yxy 71.7886, 0.3127, 0.2992 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, 212, 241) }
```

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

```
.border{ border-color:rgb(239, 212, 241) }
```

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

Here you see how a box with a 4 pixel rgb(239, 212, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 212, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 212, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 212,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7886, 0.3127, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 212, 241) }
```

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

```
.background{ background-color: rgb(239,  
212, 241) }
```

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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