

Converting Colors

$Yxy(71.8462, 0.3224, 0.2997)$

Have a look what the booklet for
Yxy(71.8462, 0.3224, 0.2997)
contains.

Yxy(71.9137, 0.3222, 0.2998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.9137, 0.3222, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	F9D1EE
RGB	249, 209, 238
RGB Percent	98%, 82%, 93%
CMY	0.0237, 0.1803, 0.0668
CMYK	0.00, 0.16, 0.04, 0.02
HSL	317°, 77%, 90%
HSV	317°, 16%, 98%
XYZ	77.2868, 71.9137, 90.6717
YIQ	224.2660, 14.5310, 17.4990

Conversions

Conversions Part 2

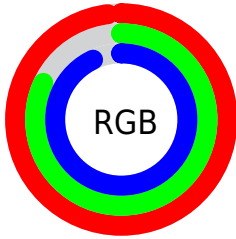
Format	Color
R _Y B	249, 209, 238
Decimal	16372206
CIE Lab	87.93, 18.73, -8.98
CIE LCh	88, 20.767, 334.384
Yxy	71.9137, 0.3222, 0.2998
Android (android.graphics.Color)	4294562286 (0xFFFF9D1EE)
YUV	224.2660, 6.7709, 21.6917
Hunter-Lab	84.8019, 14.2780, -4.0325

Details

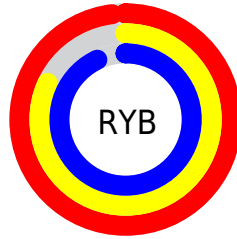
The Yxy color **71.9137, 0.3222, 0.2998** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.4572, 0.3044, 0.3601**, and the grayscale version is **74.6832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6951, 0.3241, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **60.2430, 0.3294, 0.2809**, and if you desaturate by 10%, it is **85.5150, 0.3160, 0.3183**.

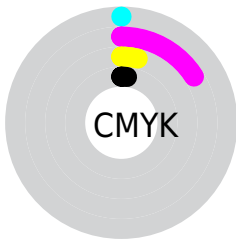
Distribution



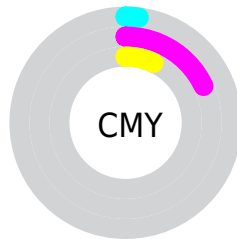
- Red (98%)
- Green (82%)
- Blue (93%)



- Red (98%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9137, 0.3222, 0.2998 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 71.9137, 0.3222, 0.2998 by changing the saturation by 10% instead.

 71.9137, 0.3222,
0.2998

 71.9137, 0.3222,
0.2998


467.2412, 0.3180,
0.3130

 53.0882, 0.3231,
0.2969


121.9338, 0.3208,
0.3043

 37.8732, 0.3243,
0.2932


153.8972, 0.3202,
0.3061

 25.8843, 0.3257,
0.2887


191.0087, 0.3197,
0.3076

 16.7371, 0.3275,
0.2829

233.6527, 0.3193,
0.3090

 10.0472, 0.3299,
0.2751

282.2135, 0.3189,
0.3102

 5.4303, 0.3332,
0.2642

337.0756, 0.3185,

 2.5019, 0.3381,

0.3112

0.2478

398.6234, 0.3182,
0.3122

0.8776, 0.3458,
0.2206

0.0000, 0.3875,
0.0000

71.9137, 0.3222,
0.2998

71.9137, 0.3222,
0.2998

60.2430, 0.3294,
0.2809

85.5150, 0.3160,
0.3183

50.4048, 0.3377,
0.2620

98.6613, 0.3109,
0.3322

42.3069, 0.3471,
0.2439

98.8734, 0.3090,
0.3290

35.8449, 0.3575,
0.2277

■ 30.9035, 0.3686,
0.2144

■ 27.3521, 0.3801,
0.2050

■ 25.0380, 0.3917,
0.2004

■ 23.7719, 0.4029,
0.2007

■ 23.4461, 0.4073,
0.2017

Harmonies

Analogous

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



71.9137, 0.2969, 0.2891



71.9137, 0.3222, 0.2998



71.9137, 0.3457, 0.3176

Triad

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



71.9137, 0.3222, 0.2998



71.9137, 0.3491, 0.3712



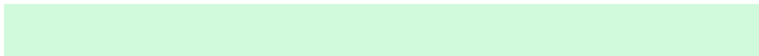
71.9137, 0.2674, 0.3162

Complementary

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



71.9137, 0.3222, 0.2998



86.4572, 0.3044, 0.3601

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.



71.9137, 0.2802, 0.3398



71.9137, 0.3222, 0.2998



71.9137, 0.3271, 0.3727

Square

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



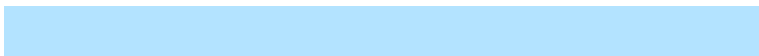
71.9137, 0.3222, 0.2998



71.9137, 0.3615, 0.3583



71.9137, 0.3019, 0.3611



71.9137, 0.2661, 0.2975

Rectangle

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



71.9137, 0.3222, 0.2998



71.9137, 0.3568, 0.3316



71.9137, 0.3019, 0.3611



71.9137, 0.2704, 0.3239

Sweetspot

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



71.9169, 0.3222, 0.2998



91.9092, 0.3154, 0.3201



67.6144, 0.2938, 0.2866



19.4382, 0.3158, 0.3189



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.



71.9169, 0.3222, 0.2998



72.0584, 0.3242, 0.2942



70.8255, 0.3363, 0.3195



17.4382, 0.3180, 0.3120



12.5795, 0.4056, 0.2008



1.1830, 0.3931, 0.1939

Inverse Universe

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



71.9169, 0.3222, 0.2998



72.0584, 0.3242, 0.2942



87.5591, 0.2934, 0.3388



17.4382, 0.3180, 0.3120



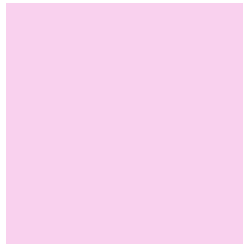
12.5795, 0.4056, 0.2008



1.1830, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 71.9137, 0.3222, 0.2998 looks on a white background.

Color Contrast Check

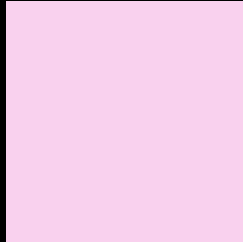
Large Text (above 18pt) WCAG AA × Fail

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 71.9137, 0.3222, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

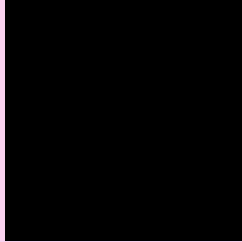
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9137, 0.3222, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 71.9137, 0.3222, 0.2998.



This preview shows how white text looks on a background with the Yxy color 71.9137, 0.3222, 0.2998.

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

71.9137, 0.3222, 0.2998

Protanopia

72.1001, 0.2960, 0.3024

Deuteranopia

71.8697, 0.3124, 0.3051



Tritanopia

71.9087, 0.3283, 0.3126

Trichromacy



Original Color

71.9137, 0.3222, 0.2998

Protanomaly

71.6697, 0.3048, 0.3007

Deuteranomaly

71.7267, 0.3161, 0.3033

Tritanomaly

71.8192, 0.3263, 0.3076

Monochromacy



Original Color

71.9137, 0.3222, 0.2998

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6438, 0.3161, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9137, 0.3222, 0.2998 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(249, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(249, 209, 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(249, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 209, 238) }
```

Border

The CSS property to change the border of an element to Yxy 71.9137, 0.3222, 0.2998 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(249, 209, 238) }
```

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

```
.border{ border-color:rgb(249, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 209, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 209, 238);  
box-shadow:4px 4px 4px 4px rgb(249, 209,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9137, 0.3222, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 209, 238) }
```

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

```
.background{ background-color: rgb(249,  
209, 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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