

Converting Colors

Yxy(71.9895, 0.3119, 0.2944)

Have a look what the booklet for
Yxy(71.9895, 0.3119, 0.2944)
contains.

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Color

Yxy(72.0583, 0.3122, 0.2945)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F2D3F5 |
| RGB | 242, 211, 245 |
| RGB Percent | 95%, 83%, 96% |
| CMY | 0.0510, 0.1725, 0.0394 |
| CMYK | 0.01, 0.14, 0.00, 0.04 |
| HSL | 295°, 63%, 89% |
| HSV | 295°, 14%, 96% |
| XYZ | 76.3891, 72.0583, 96.2327 |
| YIQ | 224.1450, 7.5620, 17.1460 |

Conversions

Conversions Part 2

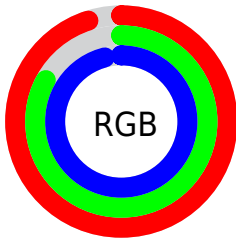
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 211, 245 |
| Decimal | 15913973 |
| CIE Lab | 88.00, 16.61, -12.63 |
| CIE LCh | 88, 20.867, 322.756 |
| Yxy | 72.0583, 0.3122, 0.2945 |
| Android (android.graphics.Color) | 4294104053 (0xFFFF2D3F5) |
| YUV | 224.1450, 10.2815, 15.6588 |
| Hunter-Lab | 84.8872, 12.0779, -7.7934 |

Details

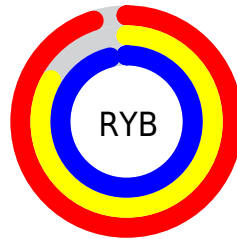
The Yxy color **72.0583, 0.3122, 0.2945** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.2722, 0.3129, 0.3656**, and the grayscale version is **74.5724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8902, 0.3119, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **60.4283, 0.3116, 0.2688**, and if you desaturate by 10%, it is **85.5535, 0.3126, 0.3196**.

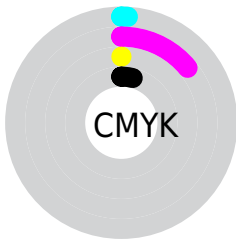
Distribution



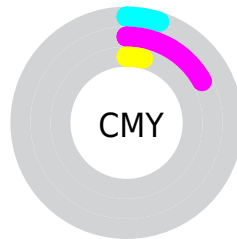
- Red (95%)
- Green (83%)
- Blue (96%)



- Red (95%)
- Yellow (83%)
- Blue (96%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)





- Cyan (5%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0583, 0.3122, 0.2945 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 72.0583, 0.3122, 0.2945 by changing the saturation by 10% instead.

 72.0583, 0.3122,
0.2945

 72.0583, 0.3122,
0.2945


467.7445, 0.3126,
0.3101

 53.2063, 0.3121,
0.2910


122.1394, 0.3124,
0.2998

 37.9675, 0.3119,
0.2868


154.1373, 0.3124,
0.3019

 25.9575, 0.3116,
0.2815


191.2860, 0.3125,
0.3037

 16.7918, 0.3112,
0.2747

233.9698, 0.3125,
0.3053

 10.0862, 0.3106,
0.2657

282.5732, 0.3126,
0.3067

 5.4561, 0.3095,
0.2531

337.4805, 0.3126,

 2.5173, 0.3074,

0.3080

0.2344

399.0761, 0.3126,
0.3091

0.8853, 0.3028,
0.2038

0.0000, 0.2329,
0.0000

72.0583, 0.3122,
0.2945

72.0583, 0.3122,
0.2945

60.4283, 0.3116,
0.2688

85.5535, 0.3126,
0.3196

50.5704, 0.3107,
0.2433

97.7505, 0.3131,
0.3388

42.3977, 0.3095,
0.2188

98.1383, 0.3144,
0.3387

35.8122, 0.3081,
0.1965

98.5306, 0.3157,
0.3387

■ 30.7057, 0.3063,
0.1772

■ 98.9272, 0.3171,
0.3387

■ 26.9567, 0.3044,
0.1619

■ 99.3284, 0.3184,
0.3386

■ 24.4240, 0.3023,
0.1509

■ 99.3699, 0.3185,
0.3386

■ 22.9359, 0.3001,
0.1444

■ 22.3836, 0.2988,
0.1420

Harmonies

Analogous

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



72.0583, 0.2881, 0.2873



72.0583, 0.3122, 0.2945



72.0583, 0.3374, 0.3100

Triad

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



72.0583, 0.3122, 0.2945



72.0583, 0.3555, 0.3675



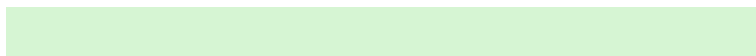
72.0583, 0.2709, 0.3251

Complementary

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



72.0583, 0.3122, 0.2945



84.2722, 0.3129, 0.3656

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.



72.0583, 0.2877, 0.3489



72.0583, 0.3122, 0.2945



72.0583, 0.3365, 0.3739

Square

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



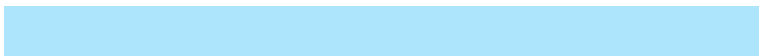
72.0583, 0.3122, 0.2945



72.0583, 0.3629, 0.3513



72.0583, 0.3116, 0.3672



72.0583, 0.2649, 0.3037

Rectangle

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



72.0583, 0.3122, 0.2945



72.0583, 0.3511, 0.3233



72.0583, 0.3116, 0.3672



72.0583, 0.2754, 0.3331

Sweetspot

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



72.0614, 0.3122, 0.2945



93.4961, 0.3126, 0.3192



68.7382, 0.2905, 0.2959



19.7584, 0.3126, 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.



72.0614, 0.3122, 0.2945



74.6845, 0.3120, 0.2864



71.7888, 0.3237, 0.3082



16.6908, 0.3124, 0.3056



12.0942, 0.2991, 0.1422



1.0841, 0.3020, 0.1438

Inverse Universe

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



70.8509, 0.3362, 0.3260



73.1000, 0.3427, 0.3253



84.5425, 0.3031, 0.3508



16.5059, 0.3280, 0.3270



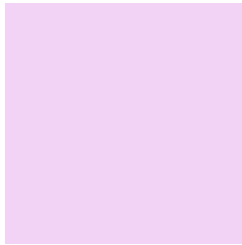
10.4959, 0.6305, 0.3247



0.9303, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 72.0583, 0.3122, 0.2945 looks on a white background.

Color Contrast Check

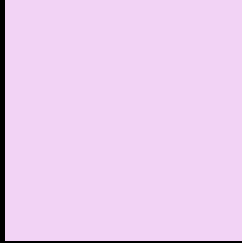
Large Text (above 18pt) WCAG AA × Fail

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 72.0583, 0.3122, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

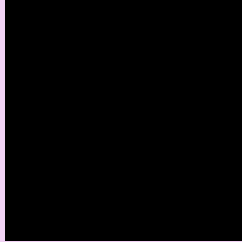
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

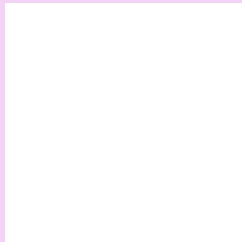
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0583, 0.3122, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 72.0583, 0.3122, 0.2945.

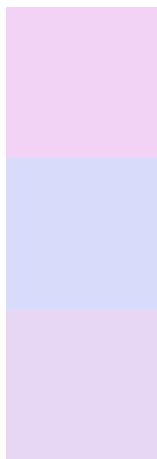


This preview shows how white text looks on a background with the Yxy color 72.0583, 0.3122, 0.2945.

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

72.0583, 0.3122, 0.2945

Protanopia

72.1641, 0.2909, 0.2961

Deuteranopia

72.1215, 0.3049, 0.2988



Tritanopia

72.3316, 0.3208, 0.3124

Trichromacy



Original Color

72.0583, 0.3122, 0.2945

Protanomaly

71.8966, 0.2982, 0.2955

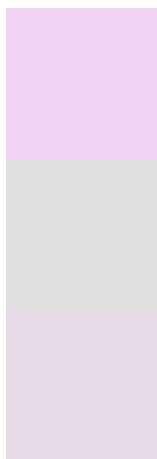
Deuteranomaly

72.2870, 0.3077, 0.2981

Tritanomaly

72.2874, 0.3181, 0.3064

Monochromacy



Original Color

72.0583, 0.3122, 0.2945

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4782, 0.3126, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0583, 0.3122, 0.2945 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(242, 211, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 245)  
}
```

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(242, 211, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 245) }
```

Border

The CSS property to change the border of an element to Yxy 72.0583, 0.3122, 0.2945 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(242, 211, 245) }
```

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

```
.border{ border-color:rgb(242, 211, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0583, 0.3122, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 245) }
```

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

```
.background{ background-color: rgb(242,  
211, 245) }
```

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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