

Converting Colors

$Y_{xy}(61.1825, 0.3107, 0.2685)$

Have a look what the booklet for
Yxy(61.1825, 0.3107, 0.2685)
contains.

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Color

Yxy(61.3826, 0.3109, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	F1BCF7
RGB	241, 188, 247
RGB Percent	95%, 74%, 97%
CMY	0.0549, 0.2627, 0.0314
CMYK	0.02, 0.24, 0.00, 0.03
HSL	294°, 79%, 85%
HSV	294°, 24%, 97%
XYZ	71.0493, 61.3826, 96.0960
YIQ	210.5730, 12.6490, 29.5850

Conversions

Conversions Part 2

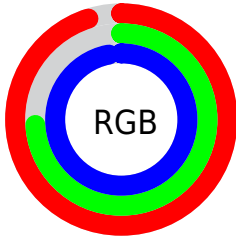
Format	Color
R _Y B	241, 188, 247
Decimal	15842551
CIE Lab	82.58, 28.85, -21.87
CIE LCh	83, 36.201, 322.833
Yxy	61.3826, 0.3109, 0.2686
Android (android.graphics.Color)	4294032631 (0xFFF1BCF7)
YUV	210.5730, 17.9585, 26.6845
Hunter-Lab	78.3470, 24.7661, -17.8788

Details

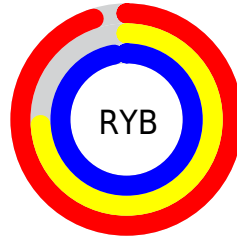
The Yxy color **61.3826, 0.3109, 0.2686** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.6186, 0.3133, 0.3960**, and the grayscale version is **64.7205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.0021, 0.3090, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **51.2818, 0.3097, 0.2429**, and if you desaturate by 10%, it is **73.3007, 0.3118, 0.2944**.

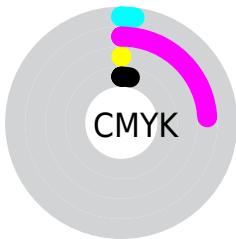
Distribution



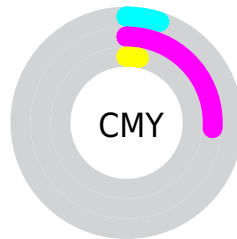
- Red (95%)
- Green (74%)
- Blue (97%)



- Red (95%)
- Yellow (74%)
- Blue (97%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (3%)




- Cyan (5%)
- Magenta (26%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3826, 0.3109, 0.2686 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 61.3826, 0.3109, 0.2686 by changing the saturation by 10% instead.

 61.3826, 0.3109,
0.2686

 61.3826, 0.3109,
0.2686

429.6754, 0.3123,
0.2959

 44.5340, 0.3104,
0.2625

 106.8327, 0.3115,
0.2780

 31.0905, 0.3098,
0.2551


136.2030, 0.3117,
0.2816

 20.6678, 0.3089,
0.2458


170.5161, 0.3119,
0.2848

 12.8814, 0.3076,
0.2339

210.1562, 0.3120,
0.2876

 7.3469, 0.3054,
0.2182

255.5078, 0.3121,
0.2901

 3.6800, 0.3017,
0.1965


306.9552, 0.3122,

 1.4962, 0.2947,


0.2922


0.1649


364.8830, 0.3123,
0.2942

 0.2861, 0.2891,
0.0841


 0.0000, 0.0000,
0.0000


 61.3826, 0.3109,
0.2686


 61.3826, 0.3109,
0.2686


 51.2818, 0.3097,
0.2429


 73.3007, 0.3118,
0.2944


 42.8982, 0.3081,
0.2183

 87.1134, 0.3125,
0.3195

 36.1346, 0.3063,
0.1957

 98.2887, 0.3133,
0.3367

 30.8805, 0.3041,
0.1761

 98.7512, 0.3149,
0.3367

■ 27.0117, 0.3018,
0.1605

■ 99.2198, 0.3164,
0.3367

■ 24.3842, 0.2992,
0.1492

■ 99.4952, 0.3173,
0.3367

■ 22.8223, 0.2966,
0.1424

■ 22.2347, 0.2950,
0.1399

Harmonies

Analogous

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



61.3826, 0.2679, 0.2556



61.3826, 0.3109, 0.2686



61.3826, 0.3576, 0.2950

Triad

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



61.3826, 0.3109, 0.2686



61.3826, 0.3901, 0.3976



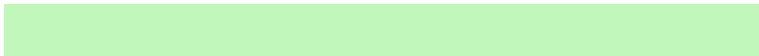
61.3826, 0.2380, 0.3200

Complementary

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



61.3826, 0.3109, 0.2686



81.6186, 0.3133, 0.3960

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.



61.3826, 0.2668, 0.3658



61.3826, 0.3109, 0.2686



61.3826, 0.3544, 0.4124

Square

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



61.3826, 0.3109, 0.2686



61.3826, 0.4050, 0.3666



61.3826, 0.3091, 0.4016



61.3826, 0.2282, 0.2814

Rectangle

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



61.3826, 0.3109, 0.2686



61.3826, 0.3835, 0.3176



61.3826, 0.3091, 0.4016



61.3826, 0.2456, 0.3352

Sweetspot

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



61.3853, 0.3109, 0.2686



88.7934, 0.3123, 0.3118



56.3854, 0.2725, 0.2694



18.8090, 0.3123, 0.3103



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.



61.3853, 0.3109, 0.2686



60.1527, 0.3103, 0.2553



61.1435, 0.3328, 0.2913



16.6779, 0.3122, 0.3056



11.7956, 0.2955, 0.1401



1.0609, 0.2989, 0.1420

Inverse Universe

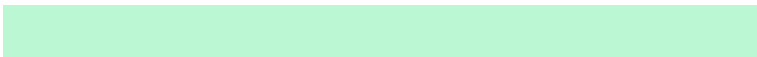
The Inverse Universe completely reimagines the original color for something new.



59.6354, 0.3576, 0.3228



57.9828, 0.3708, 0.3213



81.8955, 0.2969, 0.3700



16.5098, 0.3278, 0.3266



10.5045, 0.6283, 0.3235



0.9322, 0.6046, 0.3104

Previews

White Background



This preview shows how the Yxy color 61.3826, 0.3109, 0.2686 looks on a white background.

Color Contrast Check

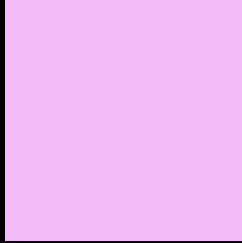
Large Text (above 18pt) WCAG AA × Fail

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 61.3826, 0.3109, 0.2686 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 61.3826, 0.3109, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 61.3826, 0.3109, 0.2686.

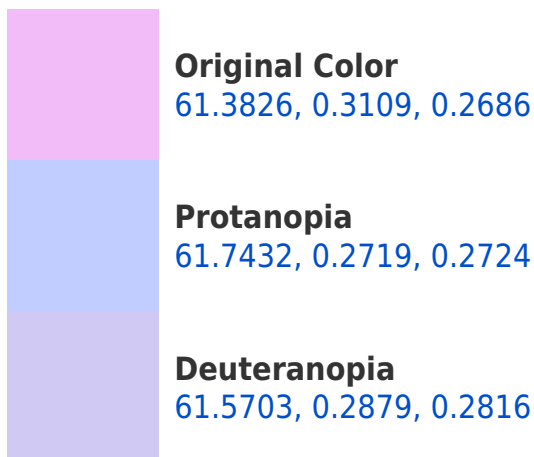


This preview shows how white text looks on a background with the Yxy color 61.3826, 0.3109, 0.2686.

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





Tritanopia

61.5162, 0.3343, 0.3128

Trichromacy



Original Color

61.3826, 0.3109, 0.2686



Protanomaly

61.1181, 0.2848, 0.2705



Deuteranomaly

61.1325, 0.2957, 0.2762



Tritanomaly

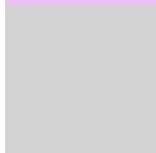
61.2041, 0.3262, 0.2961

Monochromacy



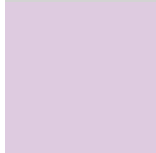
Original Color

61.3826, 0.3109, 0.2686



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.6233, 0.3123, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3826, 0.3109, 0.2686 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(241, 188, 247)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 247)  
}
```

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(241, 188, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 247) }
```

Border

The CSS property to change the border of an element to Yxy 61.3826, 0.3109, 0.2686 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(241, 188, 247) }
```

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

```
.border{ border-color:rgb(241, 188, 247) }
```

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

Here you see how a box with a 4 pixel rgb(241, 188, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 247);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3826, 0.3109, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 188, 247) }
```

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

```
.background{ background-color: rgb(241,  
188, 247) }
```

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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