

Converting Colors

$Y_{xy}(58.1302, 0.3176, 0.2693)$

Have a look what the booklet for
Yxy(58.1302, 0.3176, 0.2693)
contains.

| | |
|--|----|
| Yxy(57.9805, 0.3171, 0.2689) | 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(57.9805, 0.3171, 0.2689)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1B5EF |
| RGB | 241, 181, 239 |
| RGB Percent | 95%, 71%, 94% |
| CMY | 0.0550, 0.2901, 0.0626 |
| CMYK | 0.00, 0.25, 0.01, 0.06 |
| HSL | 302°, 68%, 83% |
| HSV | 302°, 25%, 94% |
| XYZ | 68.3734, 57.9805, 89.2671 |
| YIQ | 205.5520, 17.1420, 30.7580 |

Conversions

Conversions Part 2

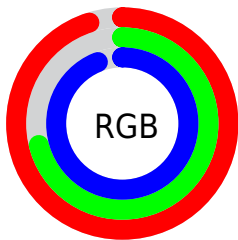
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 241, 181, 239 |
| Decimal | 15840751 |
| CIE Lab | 80.73, 31.08, -20.41 |
| CIE LCh | 81, 37.183, 326.701 |
| Yxy | 57.9805, 0.3171, 0.2689 |
| Android (android.graphics.Color) | 4294030831 (0xFFFF1B5EF) |
| YUV | 205.5520, 16.4899, 31.0879 |
| Hunter-Lab | 76.1449, 27.0283, -16.2061 |

Details

The Yxy color $57.9805, 0.3171, 0.2689$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $76.1340, 0.3083, 0.3975$, and the grayscale version is $61.3059, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $28.7880, 0.3173, 0.2544$ is the 20% darker color. If you saturate the color by 10%, you get $48.9693, 0.3190, 0.2450$, and if you desaturate by 10%, it is $68.6917, 0.3153, 0.2933$.

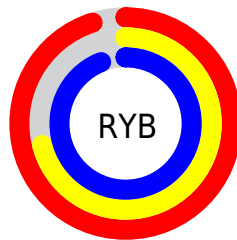
Distribution



Red (95%)

Green (71%)

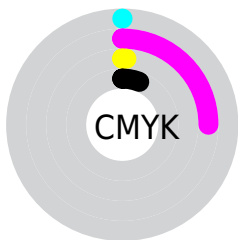
Blue (94%)



Red (95%)

Yellow (71%)

Blue (94%)

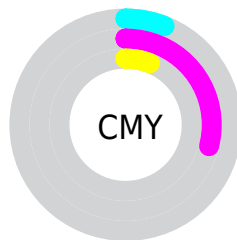


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (6%)



Cyan (6%)


Magenta (29%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9805, 0.3171, 0.2689 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 57.9805, 0.3171, 0.2689 by changing the saturation by 10% instead.


 57.9805, 0.3171,
0.2689

 57.9805, 0.3171,
0.2689


417.1133, 0.3156,
0.2964

 41.7930, 0.3173,
0.2627


 101.8945, 0.3167,
0.2783

 28.9392, 0.3175,
0.2552


130.3897, 0.3165,
0.2820

 19.0348, 0.3177,
0.2457


163.7563, 0.3163,
0.2852

 11.6955, 0.3177,
0.2334

202.3786, 0.3161,
0.2880

 6.5367, 0.3174,
0.2171

246.6411, 0.3160,
0.2905

 3.1741, 0.3163,
0.1944

296.9281, 0.3158,

 1.2233, 0.3130,

0.2927

0.1608

353.6240, 0.3157,
0.2946

0.0806, 0.3286,
0.0317

0.0000, 0.0000,
0.0000

57.9805, 0.3171,
0.2689

57.9805, 0.3171,
0.2689

48.9693, 0.3190,
0.2450

68.6917, 0.3153,
0.2933

41.5633, 0.3210,
0.2224


81.1762, 0.3135,
0.3175

35.6699, 0.3229,
0.2022

95.5123, 0.3119,
0.3408


31.1843, 0.3246,
0.1854

96.6346, 0.3114,
0.3417

 27.9880, 0.3262,
0.1725

 96.6816, 0.3109,
0.3409


 25.9434, 0.3276,
0.1641


 96.7289, 0.3105,
0.3401

 24.8814, 0.3288,
0.1598

 96.7764, 0.3101,
0.3393

 24.5872, 0.3293,
0.1588

 96.8240, 0.3096,
0.3386

 96.8719, 0.3092,
0.3378

Harmonies

Analogous

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



57.9805, 0.2709, 0.2534



57.9805, 0.3171, 0.2689



57.9805, 0.3655, 0.2977

Triad

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



57.9805, 0.3171, 0.2689



57.9805, 0.3897, 0.4038



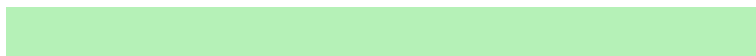
57.9805, 0.2322, 0.3134

Complementary

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



57.9805, 0.3171, 0.2689



76.1340, 0.3083, 0.3975

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.



57.9805, 0.2598, 0.3615



57.9805, 0.3171, 0.2689



57.9805, 0.3503, 0.4167

Square

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



57.9805, 0.3171, 0.2689



57.9805, 0.4088, 0.3726



57.9805, 0.3026, 0.4017



57.9805, 0.2249, 0.2751

Rectangle

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



57.9805, 0.3171, 0.2689



57.9805, 0.3911, 0.3217



57.9805, 0.3026, 0.4017



57.9805, 0.2393, 0.3291

Sweetspot

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



57.9830, 0.3171, 0.2689



89.0981, 0.3139, 0.3124



49.3506, 0.2706, 0.2583



18.8798, 0.3140, 0.3109



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.



57.9830, 0.3171, 0.2689



60.3615, 0.3181, 0.2563



56.4024, 0.3404, 0.2980



16.0221, 0.3143, 0.3065



13.3414, 0.3292, 0.1587



1.1126, 0.3280, 0.1581

Inverse Universe

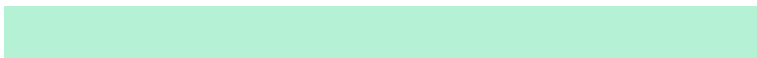
The Inverse Universe completely reimagines the original color for something new.



57.9830, 0.3171, 0.2689



60.3615, 0.3181, 0.2563



77.4698, 0.2918, 0.3623



16.0221, 0.3143, 0.3065



13.3414, 0.3292, 0.1587



1.1126, 0.3280, 0.1581

Previews

White Background



This preview shows how the Yxy color 57.9805, 0.3171, 0.2689 looks on a white background.

Color Contrast Check

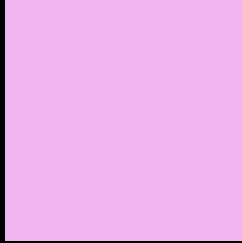
Large Text (above 18pt) WCAG AA × Fail

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 57.9805, 0.3171, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

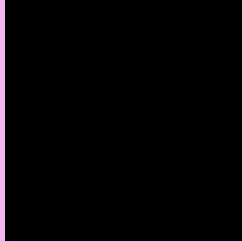
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9805, 0.3171, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 57.9805, 0.3171, 0.2689.



This preview shows how white text looks on a background with the Yxy color 57.9805, 0.3171, 0.2689.

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

57.9805, 0.3171, 0.2689

Protanopia

58.5032, 0.2705, 0.2702

Deuteranopia

58.2325, 0.2900, 0.2838



Tritanopia

58.0636, 0.3417, 0.3138

Trichromacy



Original Color

57.9805, 0.3171, 0.2689



Protanomaly

57.6801, 0.2855, 0.2683



Deuteranomaly

58.1277, 0.2996, 0.2785



Tritanomaly

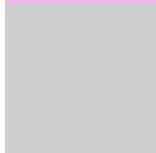
57.7814, 0.3332, 0.2968

Monochromacy



Original Color

57.9805, 0.3171, 0.2689



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

60.0545, 0.3146, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9805, 0.3171, 0.2689 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, 181, 239)` looks like.

```
.text, #text, p{  
    color:rgb(241, 181, 239)  
}
```

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, 181, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 181, 239) }
```

Border

The CSS property to change the border of an element to Yxy 57.9805, 0.3171, 0.2689 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, 181, 239) }
```

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

```
.border{ border-color:rgb(241, 181, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 181, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 181, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 181, 239);  
box-shadow:4px 4px 4px 4px rgb(241, 181,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9805, 0.3171, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 181, 239) }
```

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

```
.background{ background-color: rgb(241,  
181, 239) }
```

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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