

Converting Colors

$Yxy(59.4020, 0.3007, 0.2733)$

Have a look what the booklet for
Yxy(59.4020, 0.3007, 0.2733)
contains.

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Color

Yxy(59.5800, 0.3007, 0.2733)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E0BFF3 |
| RGB | 224, 191, 243 |
| RGB Percent | 88%, 75%, 95% |
| CMY | 0.1216, 0.2510, 0.0469 |
| CMYK | 0.08, 0.21, 0.00, 0.05 |
| HSL | 278°, 69%, 85% |
| HSV | 278°, 21%, 95% |
| XYZ | 65.5533, 59.5800, 92.8689 |
| YIQ | 206.7950, 2.9760, 23.1680 |

Conversions

Conversions Part 2

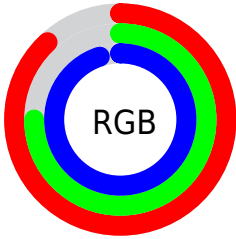
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 224, 191, 243 |
| Decimal | 14729203 |
| CIE Lab | 81.61, 21.03, -21.38 |
| CIE LCh | 82, 29.990, 314.532 |
| Yxy | 59.5800, 0.3007, 0.2733 |
| Android (android.graphics.Color) | 4292919283 (0xFFE0BFF3) |
| YUV | 206.7950, 17.8491, 15.0888 |
| Hunter-Lab | 77.1881, 16.5149, -17.3032 |

Details

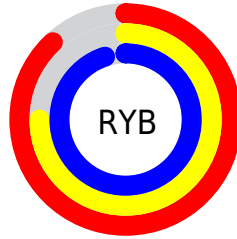
The Yxy color $59.5800, 0.3007, 0.2733$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.5933, 0.3224, 0.3865$, and the grayscale version is $62.1420, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $29.8040, 0.2966, 0.2595$ is the 20% darker color. If you saturate the color by 10%, you get $48.4633, 0.2936, 0.2453$, and if you desaturate by 10%, it is $72.5348, 0.3069, 0.3002$.

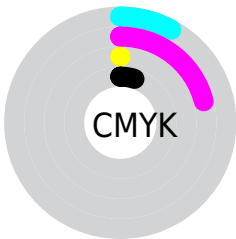
Distribution



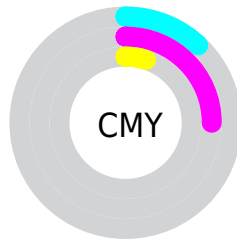
- Red (88%)
- Green (75%)
- Blue (95%)



- Red (88%)
- Yellow (75%)
- Blue (95%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)




- Cyan (12%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5800, 0.3007, 0.2733 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 59.5800, 0.3007, 0.2733 by changing the saturation by 10% instead.


 59.5800, 0.3007,
0.2733

 59.5800, 0.3007,
0.2733


423.0479, 0.3068,
0.2989

 43.0802, 0.2992,
0.2675


 104.2202, 0.3029,
0.2821

 29.9480, 0.2972,
0.2604


133.1293, 0.3038,
0.2856

 19.7992, 0.2946,
0.2515

166.9437, 0.3045,
0.2885

 12.2491, 0.2911,
0.2400

206.0477, 0.3051,
0.2911

 6.9136, 0.2860,
0.2245

250.8257, 0.3056,
0.2934

 3.4081, 0.2780,
0.2028

301.6622, 0.3061,

 1.3483, 0.2642,

0.2954

0.1706

358.9415, 0.3065,
0.2973

0.1782, 0.2486,
0.0649

0.0000, 0.0000,
0.0000

59.5800, 0.3007,
0.2733

59.5800, 0.3007,
0.2733

48.4633, 0.2936,
0.2453

72.5348, 0.3069,
0.3002

39.0894, 0.2854,
0.2169

87.4020, 0.3121,
0.3256

31.3656, 0.2764,
0.1894

98.4424, 0.3169,
0.3406

25.1873, 0.2668,
0.1638

99.2534, 0.3197,
0.3405

■ 20.4377, 0.2568,
0.1416

■ 16.9826, 0.2468,
0.1238

■ 14.6615, 0.2372,
0.1111

■ 13.3557, 0.2294,
0.1037

Harmonies

Analogous

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



59.5800, 0.2668, 0.2661



59.5800, 0.3007, 0.2733



59.5800, 0.3400, 0.2931

Triad

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



59.5800, 0.3007, 0.2733



59.5800, 0.3832, 0.3810



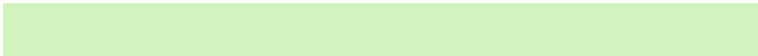
59.5800, 0.2549, 0.3324

Complementary

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



59.5800, 0.3007, 0.2733



81.5933, 0.3224, 0.3865

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.



59.5800, 0.2834, 0.3692



59.5800, 0.3007, 0.2733



59.5800, 0.3577, 0.3972

Square

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



59.5800, 0.3007, 0.2733



59.5800, 0.3894, 0.3531



59.5800, 0.3209, 0.3938



59.5800, 0.2417, 0.2974

Rectangle

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



59.5800, 0.3007, 0.2733



59.5800, 0.3637, 0.3114



59.5800, 0.3209, 0.3938



59.5800, 0.2630, 0.3451

Sweetspot

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



59.5825, 0.3007, 0.2733



89.5775, 0.3098, 0.3141



63.6830, 0.2782, 0.2917



18.9407, 0.3094, 0.3125



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.



59.5825, 0.3007, 0.2733



60.4327, 0.2975, 0.2603



62.3853, 0.3203, 0.2824



16.4476, 0.3079, 0.3053



7.4065, 0.2308, 0.1045



0.7090, 0.2421, 0.1107

Inverse Universe

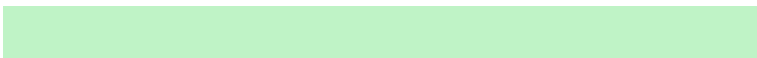
The Inverse Universe completely reimagines the original color for something new.



60.9783, 0.3406, 0.3088



62.3281, 0.3484, 0.3042



79.2752, 0.3059, 0.3805



16.5827, 0.3236, 0.3204



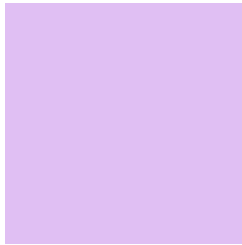
10.8765, 0.5517, 0.2813



0.9750, 0.5173, 0.2624

Previews

White Background



This preview shows how the Yxy color 59.5800, 0.3007, 0.2733 looks on a white background.

Color Contrast Check

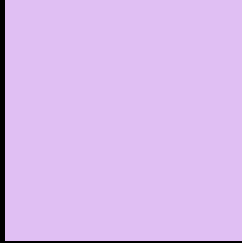
Large Text (above 18pt) WCAG AA × Fail

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 59.5800, 0.3007, 0.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

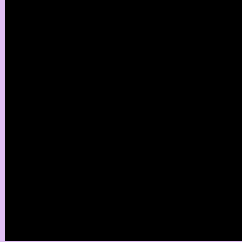
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5800, 0.3007, 0.2733

Background



This preview shows how black text looks on a background with the Yxy color 59.5800, 0.3007, 0.2733.



This preview shows how white text looks on a background with the Yxy color 59.5800, 0.3007, 0.2733.

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

59.5800, 0.3007, 0.2733

Protanopia

59.8819, 0.2739, 0.2739

Deuteranopia

59.6363, 0.2869, 0.2799



Tritanopia

59.7460, 0.3190, 0.3121

Trichromacy



Original Color

59.5800, 0.3007, 0.2733

Protanomaly

59.4853, 0.2836, 0.2737

Deuteranomaly

59.2899, 0.2918, 0.2772

Tritanomaly

59.7301, 0.3126, 0.2980

Monochromacy



Original Color

59.5800, 0.3007, 0.2733

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.0867, 0.3084, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5800, 0.3007, 0.2733 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(224, 191, 243)` looks like.

```
.text, #text, p{  
    color:rgb(224, 191, 243)  
}
```

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(224, 191, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 191, 243) }
```

Border

The CSS property to change the border of an element to Yxy 59.5800, 0.3007, 0.2733 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(224, 191, 243) }
```

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

```
.border{ border-color:rgb(224, 191, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 191, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 191, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 191, 243);  
box-shadow:4px 4px 4px 4px rgb(224, 191,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5800, 0.3007, 0.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 191, 243) }
```

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

```
.background{ background-color: rgb(224,  
191, 243) }
```

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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