

Converting Colors

$Y_{xy}(59.7723, 0.3062, 0.2771)$

Have a look what the booklet for
Yxy(59.7723, 0.3062, 0.2771)
contains.

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Color

Yxy(59.9876, 0.3066, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	E4BFEF
RGB	228, 191, 239
RGB Percent	89%, 75%, 94%
CMY	0.1058, 0.2510, 0.0628
CMYK	0.05, 0.20, 0.00, 0.06
HSL	286°, 60%, 84%
HSV	286°, 20%, 94%
XYZ	66.2066, 59.9876, 89.7439
YIQ	207.5350, 6.6440, 22.7720

Conversions

Conversions Part 2

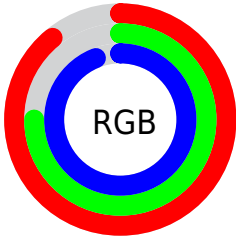
Format	Color
R_{YB}	228, 191, 239
Decimal	14991343
CIE _{Lab}	81.83, 21.54, -18.84
CIE _{LCh}	82, 28.618, 318.817
Yxy	59.9876, 0.3066, 0.2778
Android (android.graphics.Color)	4293181423 (0xFFE4BFEF)
YUV	207.5350, 15.5122, 17.9478
Hunter-Lab	77.4517, 17.0435, -14.4836

Details

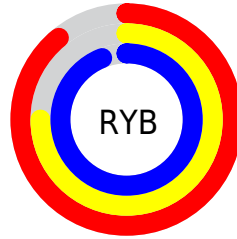
The Yxy color $59.9876, 0.3066, 0.2778$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $78.0448, 0.3174, 0.3833$, and the grayscale version is $62.6566, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $30.0809, 0.3044, 0.2653$ is the 20% darker color. If you saturate the color by 10%, you get $49.5222, 0.3026, 0.2510$, and if you desaturate by 10%, it is $72.1872, 0.3099, 0.3039$.

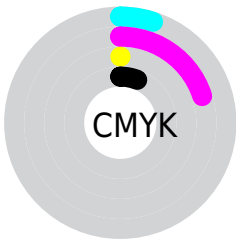
Distribution



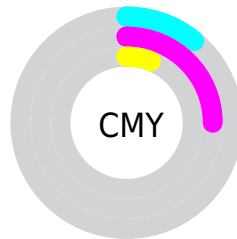
- Red (89%)
- Green (75%)
- Blue (94%)



- Red (89%)
- Yellow (75%)
- Blue (94%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (6%)




- Cyan (11%)
- Magenta (25%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9876, 0.3066, 0.2778 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 59.9876, 0.3066, 0.2778 by changing the saturation by 10% instead.


 59.9876, 0.3066,
0.2778

 59.9876, 0.3066,
0.2778

424.5521, 0.3099,
0.3013

 43.4086, 0.3057,
0.2725


 104.8117, 0.3078,
0.2859

 30.2059, 0.3046,
0.2659


133.8256, 0.3083,
0.2891

 19.9949, 0.3031,
0.2577


167.7533, 0.3087,
0.2918

 12.3913, 0.3010,
0.2470

206.9791, 0.3090,
0.2942

 7.0108, 0.2978,
0.2326

251.8875, 0.3093,
0.2963

 3.4688, 0.2928,
0.2123

302.8629, 0.3095,

 1.3811, 0.2835,

0.2982


0.1818


360.2896, 0.3097,
0.2998


 0.2028, 0.2784,
0.0786

 0.0000, 0.0000,
0.0000


 59.9876, 0.3066,
0.2778


 59.9876, 0.3066,
0.2778


 49.5222, 0.3026,
0.2510


 72.1872, 0.3099,
0.3039


 40.7006, 0.2980,
0.2243

 86.1903, 0.3127,
0.3288

 33.4360, 0.2928,
0.1988

 97.0595, 0.3154,
0.3447

 27.6301, 0.2871,
0.1755

 98.0548, 0.3188,
0.3446

■ 23.1737, 0.2810,
0.1556

■ 99.0115, 0.3220,
0.3444

■ 19.9414, 0.2748,
0.1399

■ 17.7846, 0.2686,
0.1289

■ 16.4588, 0.2627,
0.1221

Harmonies

Analogous

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



59.9876, 0.2729, 0.2691



59.9876, 0.3066, 0.2778



59.9876, 0.3439, 0.2982

Triad

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



59.9876, 0.3066, 0.2778



59.9876, 0.3774, 0.3818



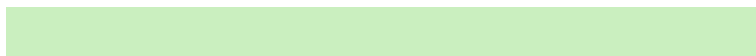
59.9876, 0.2548, 0.3272

Complementary

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



59.9876, 0.3066, 0.2778



78.0448, 0.3174, 0.3833

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.



59.9876, 0.2803, 0.3626



59.9876, 0.3066, 0.2778



59.9876, 0.3511, 0.3947

Square

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



59.9876, 0.3066, 0.2778



59.9876, 0.3861, 0.3563



59.9876, 0.3154, 0.3883



59.9876, 0.2444, 0.2950

Rectangle

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



59.9876, 0.3066, 0.2778



59.9876, 0.3653, 0.3164



59.9876, 0.3154, 0.3883



59.9876, 0.2618, 0.3392

Sweetspot

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



59.9902, 0.3066, 0.2778



89.9656, 0.3111, 0.3142



59.6436, 0.2800, 0.2868



19.0326, 0.3109, 0.3126



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.



59.9902, 0.3066, 0.2778



64.4144, 0.3051, 0.2671



61.1141, 0.3246, 0.2919



15.8384, 0.3101, 0.3055



9.1579, 0.2636, 0.1226



0.8058, 0.2715, 0.1269

Inverse Universe

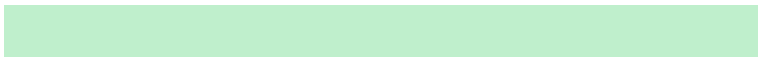
The Inverse Universe completely reimagines the original color for something new.



59.8760, 0.3437, 0.3172



64.2991, 0.3516, 0.3147



77.1554, 0.3026, 0.3693



15.8181, 0.3257, 0.3236



10.3083, 0.5993, 0.3075



0.8723, 0.5630, 0.2875

Previews

White Background



This preview shows how the Yxy color 59.9876, 0.3066, 0.2778 looks on a white background.

Color Contrast Check

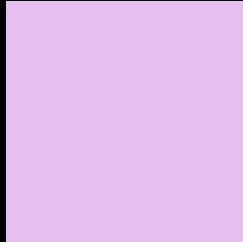
Large Text (above 18pt) WCAG AA × Fail

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 59.9876, 0.3066, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

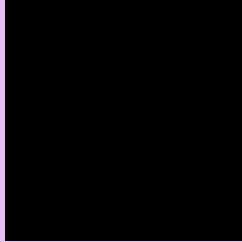
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9876, 0.3066, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 59.9876, 0.3066, 0.2778.



This preview shows how white text looks on a background with the Yxy color 59.9876, 0.3066, 0.2778.

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

59.9876, 0.3066, 0.2778

Protanopia

60.3642, 0.2777, 0.2794

Deuteranopia

60.2267, 0.2923, 0.2866



Tritanopia

60.0303, 0.3238, 0.3123

Trichromacy



Original Color

59.9876, 0.3066, 0.2778

Protanomaly

59.9810, 0.2877, 0.2791

Deuteranomaly

60.1000, 0.2975, 0.2829

Tritanomaly

59.8116, 0.3173, 0.2993

Monochromacy



Original Color

59.9876, 0.3066, 0.2778

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8026, 0.3106, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9876, 0.3066, 0.2778 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(228, 191, 239)` looks like.

```
.text, #text, p{  
    color:rgb(228, 191, 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(228, 191, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 191, 239) }
```

Border

The CSS property to change the border of an element to Yxy 59.9876, 0.3066, 0.2778 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(228, 191, 239) }
```

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

```
.border{ border-color:rgb(228, 191, 239) }
```

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

Here you see how a box with a 4 pixel rgb(228, 191, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 191, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 191, 239);  
box-shadow:4px 4px 4px 4px rgb(228, 191,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9876, 0.3066, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 191, 239) }
```

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

```
.background{ background-color: rgb(228,  
191, 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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