

Converting Colors

Yxy(57.3808, 0.3084, 0.2732)

Have a look what the booklet for
Yxy(57.3808, 0.3084, 0.2732)
contains.

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Color

Yxy(57.3063, 0.3082, 0.2733)

Conversions

Conversions Part 1

Format	Color
Hex	E4B9ED
RGB	228, 185, 237
RGB Percent	89%, 73%, 93%
CMY	0.1059, 0.2745, 0.0707
CMYK	0.04, 0.22, 0.00, 0.07
HSL	290°, 59%, 83%
HSV	290°, 22%, 93%
XYZ	64.6242, 57.3063, 87.7522
YIQ	203.7850, 8.9360, 25.2880

Conversions

Conversions Part 2

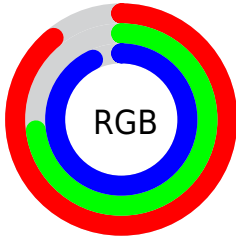
Format	Color
R _Y B	228, 185, 237
Decimal	14989805
CIE Lab	80.35, 24.36, -20.00
CIE LCh	80, 31.515, 320.613
Yxy	57.3063, 0.3082, 0.2733
Android (android.graphics.Color)	4293179885 (0xFFE4B9ED)
YUV	203.7850, 16.3750, 21.2366
Hunter-Lab	75.7009, 19.9049, -15.7381

Details

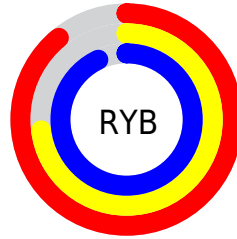
The Yxy color $57.3063, 0.3082, 0.2733$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $75.5225, 0.3158, 0.3892$, and the grayscale version is $60.1319, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $28.6094, 0.3064, 0.2608$ is the 20% darker color. If you saturate the color by 10%, you get $47.5440, 0.3054, 0.2470$, and if you desaturate by 10%, it is $68.7417, 0.3105, 0.2993$.

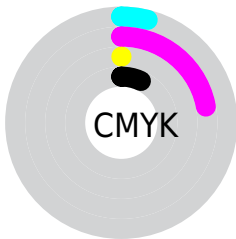
Distribution



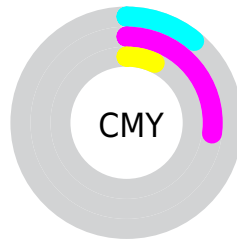
- Red (89%)
- Green (73%)
- Blue (93%)



- Red (89%)
- Yellow (73%)
- Blue (93%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3063, 0.3082, 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 57.3063, 0.3082, 0.2733 by changing the saturation by 10% instead.


 57.3063, 0.3082,
0.2733

 57.3063, 0.3082,
0.2733

414.5961, 0.3108,
0.2990

 41.2512, 0.3075,
0.2675


 100.9120, 0.3092,
0.2822

 28.5154, 0.3065,
0.2603


129.2314, 0.3096,
0.2856

 18.7146, 0.3052,
0.2513


162.4076, 0.3099,
0.2886

 11.4642, 0.3032,
0.2395

200.8252, 0.3101,
0.2912

 6.3800, 0.3003,
0.2237

244.8684, 0.3103,
0.2935

 3.0775, 0.2953,
0.2014


294.9217, 0.3105,

 1.1723, 0.2859,


0.2956


0.1679


351.3694, 0.3107,
0.2974


 0.0389, 0.2879,
0.0177


 0.0000, 0.0000,
0.0000


 57.3063, 0.3082,
0.2733


 57.3063, 0.3082,
0.2733


 47.5440, 0.3054,
0.2470


 68.7417, 0.3105,
0.2993


 39.3655, 0.3021,
0.2212

 81.9192, 0.3124,
0.3243

 32.6844, 0.2983,
0.1969

 96.2063, 0.3139,
0.3469

 27.4029, 0.2942,
0.1753

 96.9321, 0.3165,
0.3467

■ 23.4116, 0.2897,
0.1572

■ 97.6742, 0.3191,
0.3466

■ 20.5846, 0.2851,
0.1436

■ 98.4327, 0.3217,
0.3465

■ 18.7705, 0.2805,
0.1345

■ 98.8927, 0.3232,
0.3464

■ 17.8519, 0.2769,
0.1299

Harmonies

Analogous

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



57.3063, 0.2702, 0.2627



57.3063, 0.3082, 0.2733



57.3063, 0.3499, 0.2964

Triad

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



57.3063, 0.3082, 0.2733



57.3063, 0.3836, 0.3890



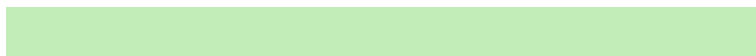
57.3063, 0.2471, 0.3243

Complementary

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



57.3063, 0.3082, 0.2733



75.5225, 0.3158, 0.3892

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.



57.3063, 0.2743, 0.3645



57.3063, 0.3082, 0.2733



57.3063, 0.3531, 0.4029

Square

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



57.3063, 0.3082, 0.2733



57.3063, 0.3950, 0.3609



57.3063, 0.3129, 0.3946



57.3063, 0.2368, 0.2889

Rectangle

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



57.3063, 0.3082, 0.2733



57.3063, 0.3735, 0.3167



57.3063, 0.3129, 0.3946



57.3063, 0.2545, 0.3378

Sweetspot

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



57.3088, 0.3082, 0.2733



88.5550, 0.3115, 0.3117



55.2522, 0.2765, 0.2793



18.7537, 0.3114, 0.3102



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.



57.3088, 0.3082, 0.2733



62.6380, 0.3071, 0.2623



57.8974, 0.3280, 0.2910



15.1745, 0.3110, 0.3056



9.8003, 0.2776, 0.1303



0.8042, 0.2839, 0.1338

Inverse Universe

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



56.5973, 0.3497, 0.3192



61.7037, 0.3590, 0.3173



75.1060, 0.3002, 0.3703



15.0965, 0.3266, 0.3250



9.9302, 0.6140, 0.3156



0.7922, 0.5782, 0.2959

Previews

White Background



This preview shows how the Yxy color 57.3063, 0.3082, 0.2733 looks on a white background.

Color Contrast Check

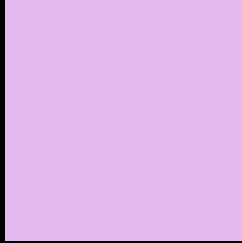
Large Text (above 18pt) WCAG AA × Fail

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 57.3063, 0.3082, 0.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

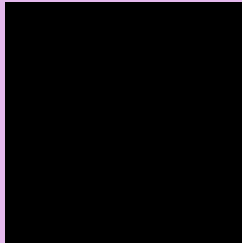
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3063, 0.3082, 0.2733

Background



This preview shows how black text looks on a background with the Yxy color 57.3063, 0.3082, 0.2733.



This preview shows how white text looks on a background with the Yxy color 57.3063, 0.3082, 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

57.3063, 0.3082, 0.2733

Protanopia

57.7334, 0.2734, 0.2741

Deuteranopia

57.5849, 0.2899, 0.2836



Tritanopia

57.4058, 0.3274, 0.3121

Trichromacy



Original Color

57.3063, 0.3082, 0.2733

Protanomaly

57.3075, 0.2853, 0.2730

Deuteranomaly

57.1666, 0.2958, 0.2789

Tritanomaly

57.4125, 0.3206, 0.2980

Monochromacy



Original Color

57.3063, 0.3082, 0.2733

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.0365, 0.3114, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3063, 0.3082, 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(228, 185, 237)` looks like.

```
.text, #text, p{  
    color:rgb(228, 185, 237)  
}
```

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, 185, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 185, 237) }
```

Border

The CSS property to change the border of an element to Yxy 57.3063, 0.3082, 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(228, 185, 237) }
```

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

```
.border{ border-color:rgb(228, 185, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 185, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 185, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 185, 237);  
box-shadow:4px 4px 4px 4px rgb(228, 185,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3063, 0.3082, 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(228, 185, 237) }
```

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

```
.background{ background-color: rgb(228,  
185, 237) }
```

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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