

Converting Colors

Yxy(68.4874, 0.3147, 0.3027)

Have a look what the booklet for
Yxy(68.4874, 0.3147, 0.3027)
contains.

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Color

Yxy(68.4874, 0.3147, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	EAD0E9
RGB	234, 208, 233
RGB Percent	92%, 82%, 91%
CMY	0.0823, 0.1843, 0.0862
CMYK	0.00, 0.11, 0.00, 0.08
HSL	302°, 38%, 87%
HSV	302°, 11%, 92%
XYZ	71.2025, 68.4874, 86.5652
YIQ	218.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

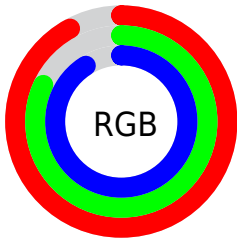
Format	Color
RYB	234, 208, 233
Decimal	15388905
CIELab	86.25, 13.37, -8.99
CIELCh	86, 16.112, 326.102
Yxy	68.4874, 0.3147, 0.3027
Android (android.graphics.Color)	4293578985 (0xFFEAD0E9)
YUV	218.6240, 7.0874, 13.4848
Hunter-Lab	82.7571, 8.7527, -4.0882

Details

The Yxy color $68.4874, 0.3147, 0.3027$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $76.8731, 0.3107, 0.3568$, and the grayscale version is $70.5144, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.7505, 0.3152, 0.2977$ is the 20% darker color. If you saturate the color by 10%, you get $57.8567, 0.3166, 0.2785$, and if you desaturate by 10%, it is $80.8079, 0.3129, 0.3264$.

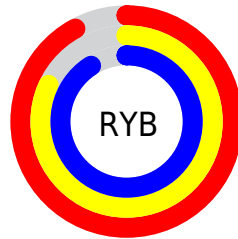
Distribution



Red (92%)

Green (82%)

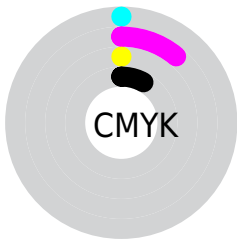
Blue (91%)



Red (92%)

Yellow (82%)

Blue (91%)

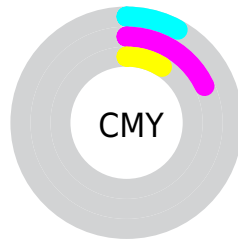


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4874, 0.3147, 0.3027 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 68.4874, 0.3147, 0.3027 by changing the saturation by 10% instead.

 68.4874, 0.3147,
0.3027

 68.4874, 0.3147,
0.3027

455.2210, 0.3139,
0.3148

 50.2944, 0.3149,
0.3000


117.0491, 0.3144,
0.3069

 35.6473, 0.3150,
0.2966


148.1866, 0.3143,
0.3085

 24.1620, 0.3153,
0.2924


184.4077, 0.3142,
0.3099

 15.4538, 0.3155,
0.2869

226.0968, 0.3142,
0.3111

 9.1385, 0.3158,
0.2795

273.6383, 0.3141,
0.3122

 4.8316, 0.3161,
0.2689

327.4165, 0.3140,

 2.1488, 0.3163,

0.3131

0.2526

387.8160, 0.3139,
0.3140

0.6919, 0.3171,
0.2211

0.0000, 0.0000,
0.0000

68.4874, 0.3147,
0.3027

68.4874, 0.3147,
0.3027

57.8567, 0.3166,
0.2785

80.8079, 0.3129,
0.3264

48.8335, 0.3187,
0.2544

94.8784, 0.3113,
0.3491

41.3419, 0.3208,
0.2314

95.0580, 0.3107,
0.3483

35.2963, 0.3229,
0.2103

95.1110, 0.3102,
0.3474

30.6029, 0.3249,
0.1922

95.1643, 0.3097,
0.3465

27.1566, 0.3268,
0.1778

95.2178, 0.3092,
0.3455

24.8372, 0.3285,
0.1677

95.2717, 0.3087,
0.3446

23.5006, 0.3299,
0.1619

95.3258, 0.3082,
0.3437

22.9282, 0.3310,
0.1597

95.3801, 0.3076,
0.3428

Harmonies

Analogous

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



68.4874, 0.2953, 0.2962



68.4874, 0.3147, 0.3027



68.4874, 0.3341, 0.3157

Triad

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



68.4874, 0.3147, 0.3027



68.4874, 0.3451, 0.3604



68.4874, 0.2787, 0.3241

Complementary

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



68.4874, 0.3147, 0.3027



76.8731, 0.3107, 0.3568

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.



68.4874, 0.2913, 0.3426



68.4874, 0.3147, 0.3027



68.4874, 0.3295, 0.3640

Square

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



68.4874, 0.3147, 0.3027



68.4874, 0.3519, 0.3485



68.4874, 0.3098, 0.3575



68.4874, 0.2750, 0.3077

Rectangle

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



68.4874, 0.3147, 0.3027



68.4874, 0.3442, 0.3266



68.4874, 0.3098, 0.3575



68.4874, 0.2820, 0.3303

Sweetspot

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



68.4904, 0.3147, 0.3027



95.1966, 0.3132, 0.3220



64.5872, 0.2958, 0.3001



20.1082, 0.3134, 0.3201



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.



68.4904, 0.3147, 0.3027



80.5601, 0.3151, 0.2980



67.7814, 0.3238, 0.3161



15.3031, 0.3144, 0.3067



12.8859, 0.3309, 0.1596



1.0150, 0.3294, 0.1588

Inverse Universe

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



68.4904, 0.3147, 0.3027



80.5601, 0.3151, 0.2980



77.5366, 0.3029, 0.3423



15.3031, 0.3144, 0.3067



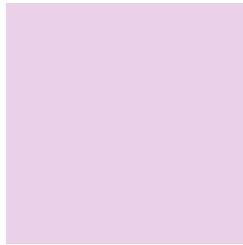
12.8859, 0.3309, 0.1596



1.0150, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 68.4874, 0.3147, 0.3027 looks on a white background.

Color Contrast Check

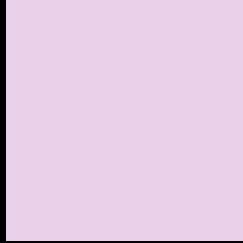
Large Text (above 18pt) WCAG AA × Fail

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 68.4874, 0.3147, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

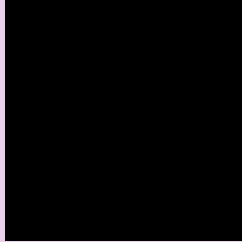
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.4874, 0.3147, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 68.4874, 0.3147, 0.3027.



This preview shows how white text looks on a background with the Yxy color 68.4874, 0.3147, 0.3027.

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

68.4874, 0.3147, 0.3027

Protanopia

68.5037, 0.2976, 0.3040

Deuteranopia

68.6344, 0.3109, 0.3046



Tritanopia

68.4156, 0.3188, 0.3110

Trichromacy



Original Color

68.4874, 0.3147, 0.3027

Protanomaly

68.5152, 0.3031, 0.3032

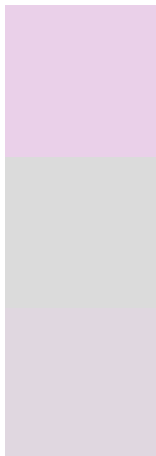
Deuteranomaly

68.4730, 0.3124, 0.3036

Tritanomaly

68.5817, 0.3167, 0.3078

Monochromacy



Original Color

68.4874, 0.3147, 0.3027

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.8300, 0.3132, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4874, 0.3147, 0.3027 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(234, 208, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 233)  
}
```

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(234, 208, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 233) }
```

Border

The CSS property to change the border of an element to Yxy 68.4874, 0.3147, 0.3027 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(234, 208, 233) }
```

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

```
.border{ border-color:rgb(234, 208, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4874, 0.3147, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 233) }
```

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

```
.background{ background-color: rgb(234,  
208, 233) }
```

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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