

Converting Colors

Yxy(32.9856, 0.2819, 0.2408)

Have a look what the booklet for
Yxy(32.9856, 0.2819, 0.2408)
contains.

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Color

Yxy(32.8834, 0.2819, 0.2405)

Conversions

Conversions Part 1

Format	Color
Hex	AD8ED2
RGB	173, 142, 210
RGB Percent	68%, 56%, 82%
CMY	0.3215, 0.4432, 0.1764
CMYK	0.18, 0.32, 0.00, 0.18
HSL	267°, 43%, 69%
HSV	267°, 32%, 82%
XYZ	38.5440, 32.8834, 65.3019
YIQ	159.0210, -3.3520, 27.7200

Conversions

Conversions Part 2

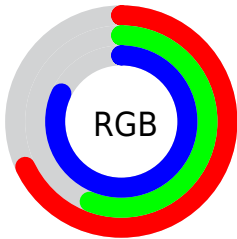
Format	Color
RYB	173, 142, 210
Decimal	11374290
CIELab	64.07, 24.98, -30.62
CIELCh	64, 39.513, 309.208
Yxy	32.8834, 0.2819, 0.2405
Android (android.graphics.Color)	4289564370 (0xFFAD8ED2)
YUV	159.0210, 25.1326, 12.2596
Hunter-Lab	57.3440, 19.6273, -27.3771

Details

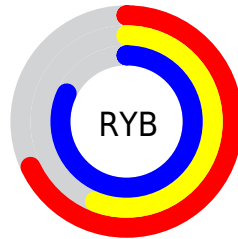
The Yxy color **32.8834, 0.2819, 0.2405** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.6402, 0.3361, 0.4164**, and the grayscale version is **34.5667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3579, 0.2963, 0.2678**, and **13.8418, 0.2719, 0.2162** is the 20% darker color. If you saturate the color by 10%, you get **25.9659, 0.2696, 0.2103**, and if you desaturate by 10%, it is **41.0923, 0.2929, 0.2699**.

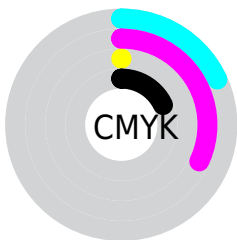
Distribution



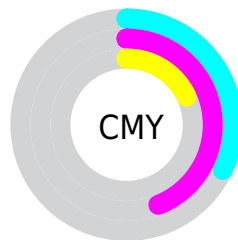
- Red (68%)
- Green (56%)
- Blue (82%)



- Red (68%)
- Yellow (56%)
- Blue (82%)



- Cyan (18%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)





- Cyan (32%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8834, 0.2819, 0.2405 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 32.8834, 0.2819, 0.2405 by changing the saturation by 10% instead.


 32.8834, 0.2819,
0.2405


 32.8834, 0.2819,
0.2405


315.1240, 0.2988,
0.2843


 22.0371, 0.2773,
0.2299


 64.1934, 0.2883,
0.2562

 13.8842, 0.2711,
0.2164


 85.4260, 0.2907,
0.2622

 8.0402, 0.2626,
0.1989


 110.8895, 0.2926,
0.2673

 4.1207, 0.2501,
0.1755

140.9682, 0.2942,
0.2716

 1.7413, 0.2306,
0.1430

176.0467, 0.2956,
0.2754

 0.4502, 0.1995,
0.0853

216.5092, 0.2968,

 0.0000, 0.0000,

0.2787

0.0000

262.7402, 0.2978,
0.2817

■ 32.8834, 0.2819,
0.2405

■ 32.8834, 0.2819,
0.2405

■ 25.9659, 0.2696,
0.2103

■ 41.0923, 0.2929,
0.2699

■ 20.2667, 0.2561,
0.1802

■ 50.6524, 0.3026,
0.2976

■ 15.7114, 0.2420,
0.1519


■ 61.6245, 0.3109,
0.3232

■ 12.2155, 0.2278,
0.1268


■ 74.0644, 0.3180,
0.3465


■ 9.6822, 0.2141,
0.1064

■ 88.0249, 0.3239,
0.3676

 7.9956, 0.2017,
0.0917

 94.9743, 0.3305,
0.3743

 7.1290, 0.1932,
0.0838

 97.0546, 0.3380,
0.3732

 97.4342, 0.3394,
0.3730

Harmonies

Analogous

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



32.8834, 0.2334, 0.2325



32.8834, 0.2819, 0.2405



32.8834, 0.3443, 0.2670

Triad

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



32.8834, 0.2819, 0.2405



32.8834, 0.4286, 0.4002



32.8834, 0.2280, 0.3438

Complementary

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



32.8834, 0.2819, 0.2405



57.6402, 0.3361, 0.4164

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.



32.8834, 0.2744, 0.4055



32.8834, 0.2819, 0.2405



32.8834, 0.3907, 0.4345

Square

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



32.8834, 0.2819, 0.2405



32.8834, 0.4342, 0.3540



32.8834, 0.3339, 0.4402



32.8834, 0.2048, 0.2847

Rectangle

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



32.8834, 0.2819, 0.2405



32.8834, 0.3850, 0.2926



32.8834, 0.3339, 0.4402



32.8834, 0.2412, 0.3655

Sweetspot

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



32.8847, 0.2819, 0.2405



82.2592, 0.3046, 0.3036



42.8090, 0.2617, 0.2873



17.1124, 0.3034, 0.2999



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.



32.8847, 0.2819, 0.2405



43.2502, 0.2733, 0.2192



37.2093, 0.3132, 0.2483



11.6779, 0.3052, 0.3055



4.4058, 0.1947, 0.0846



0.2932, 0.2155, 0.0961

Inverse Universe

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



36.3037, 0.3468, 0.2836



49.5218, 0.3570, 0.2735



54.1124, 0.3106, 0.4236



11.9143, 0.3207, 0.3164



9.1226, 0.4760, 0.2396



0.5260, 0.4399, 0.2197

Previews

White Background



This preview shows how the Yxy color 32.8834, 0.2819, 0.2405 looks on a white background.

Color Contrast Check

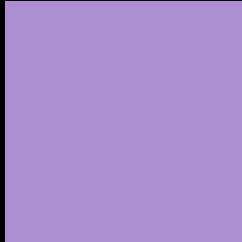
Large Text (above 18pt) WCAG AA × Fail

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 32.8834, 0.2819, 0.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

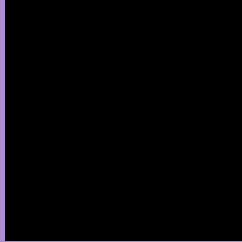
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8834, 0.2819, 0.2405

Background



This preview shows how black text looks on a background with the Yxy color 32.8834, 0.2819, 0.2405.



This preview shows how white text looks on a background with the Yxy color 32.8834, 0.2819, 0.2405.

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

32.8834, 0.2819, 0.2405

Protanopia

33.0478, 0.2462, 0.2381

Deuteranopia

32.9993, 0.2577, 0.2519



Tritanopia

32.7769, 0.3155, 0.3116

Trichromacy



Original Color

32.8834, 0.2819, 0.2405

Protanomaly

32.8423, 0.2579, 0.2383

Deuteranomaly

32.8706, 0.2660, 0.2470

Tritanomaly

32.7999, 0.3030, 0.2841

Monochromacy



Original Color

32.8834, 0.2819, 0.2405

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.8893, 0.3009, 0.2935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8834, 0.2819, 0.2405 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(173, 142, 210)` looks like.

```
.text, #text, p{  
    color:rgb(173, 142, 210)  
}
```

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(173, 142, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 142, 210) }
```

Border

The CSS property to change the border of an element to Yxy 32.8834, 0.2819, 0.2405 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(173, 142, 210) }
```

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

```
.border{ border-color:rgb(173, 142, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 142, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 142, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 142, 210);  
box-shadow:4px 4px 4px 4px rgb(173, 142,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8834, 0.2819, 0.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 142, 210) }
```

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

```
.background{ background-color: rgb(173,  
142, 210) }
```

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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