

Converting Colors

$Y_{xy}(32.9206, 0.2835, 0.2450)$

Have a look what the booklet for
Yxy(32.9206, 0.2835, 0.2450)
contains.

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Color

Yxy(32.9206, 0.2835, 0.2450)

Conversions

Conversions Part 1

Format	Color
Hex	AC8FCF
RGB	172, 143, 207
RGB Percent	67%, 56%, 81%
CMY	0.3255, 0.4392, 0.1884
CMYK	0.17, 0.31, 0.00, 0.19
HSL	267°, 40%, 69%
HSV	267°, 31%, 81%
XYZ	38.0938, 32.9206, 63.3554
YIQ	158.9670, -3.2600, 26.0520

Conversions

Conversions Part 2

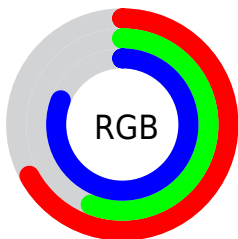
Format	Color
R_{YB}	172, 143, 207
Decimal	11309007
CIE _{Lab}	64.10, 23.40, -28.87
CIE _{LCh}	64, 37.165, 309.026
Yxy	32.9206, 0.2835, 0.2450
Android (android.graphics.Color)	4289499087 (0xFFAC8FCF)
YUV	158.9670, 23.6803, 11.4299
Hunter-Lab	57.3765, 18.1023, -25.3047

Details

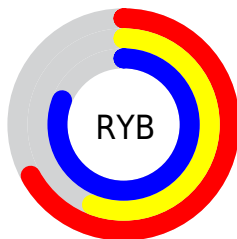
The Yxy color **32.9206, 0.2835, 0.2450** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.0551, 0.3352, 0.4119**, and the grayscale version is **34.5464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6465, 0.2956, 0.2687**, and **13.8432, 0.2740, 0.2218** is the 20% darker color. If you saturate the color by 10%, you get **26.0437, 0.2713, 0.2148**, and if you desaturate by 10%, it is **41.0556, 0.2944, 0.2742**.

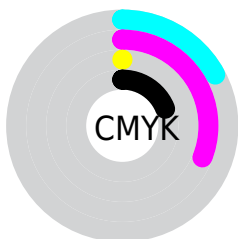
Distribution



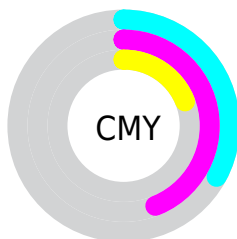
- Red (67%)
- Green (56%)
- Blue (81%)



- Red (67%)
- Yellow (56%)
- Blue (81%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)





- Cyan (33%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9206, 0.2835, 0.2450 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 32.9206, 0.2835, 0.2450 by changing the saturation by 10% instead.


 32.9206, 0.2835,
0.2450


 32.9206, 0.2835,
0.2450


315.2918, 0.2995,
0.2867

 22.0656, 0.2791,
0.2348


 64.2515, 0.2896,
0.2600

 13.9051, 0.2733,
0.2218


 85.4963, 0.2918,
0.2657

 8.0547, 0.2652,
0.2049

110.9731, 0.2936,
0.2706

 4.1300, 0.2533,
0.1820

141.0664, 0.2952,
0.2747

 1.7465, 0.2344,
0.1500

176.1605, 0.2965,
0.2783

 0.4535, 0.2044,
0.0915

216.6398, 0.2976,

 0.0000, 0.0000,

0.2815

0.0000

262.8888, 0.2986,
0.2843

■ 32.9206, 0.2835,
0.2450

■ 32.9206, 0.2835,
0.2450

■ 26.0437, 0.2713,
0.2148

■ 41.0556, 0.2944,
0.2742

■ 20.3550, 0.2579,
0.1847

■ 50.5055, 0.3039,
0.3016

■ 15.7838, 0.2439,
0.1559


■ 61.3285, 0.3120,
0.3268


■ 12.2500, 0.2296,
0.1302


■ 73.5781, 0.3190,
0.3498


■ 9.6623, 0.2157,
0.1090

■ 87.3048, 0.3248,
0.3704

 7.9123, 0.2030,
0.0934

 94.5303, 0.3312,
0.3776

 6.8724, 0.1928,
0.0836

 96.5720, 0.3387,
0.3765

 97.2833, 0.3412,
0.3761

Harmonies

Analogous

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



32.9206, 0.2375, 0.2377



32.9206, 0.2835, 0.2450



32.9206, 0.3422, 0.2702

Triad

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



32.9206, 0.2835, 0.2450



32.9206, 0.4222, 0.3966



32.9206, 0.2330, 0.3435

Complementary

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



32.9206, 0.2835, 0.2450



56.0551, 0.3352, 0.4119

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.



32.9206, 0.2772, 0.4008



32.9206, 0.2835, 0.2450



32.9206, 0.3869, 0.4284

Square

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



32.9206, 0.2835, 0.2450



32.9206, 0.4269, 0.3530



32.9206, 0.3335, 0.4331



32.9206, 0.2106, 0.2879

Rectangle

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



32.9206, 0.2835, 0.2450



32.9206, 0.3804, 0.2945



32.9206, 0.3335, 0.4331



32.9206, 0.2457, 0.3637

Sweetspot

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



32.9220, 0.2835, 0.2450



83.9186, 0.3054, 0.3063



42.2589, 0.2641, 0.2896



17.4429, 0.3042, 0.3024



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.



32.9220, 0.2835, 0.2450



45.3418, 0.2756, 0.2253



36.9563, 0.3132, 0.2521



11.6763, 0.3052, 0.3055



4.3862, 0.1942, 0.0844



0.2921, 0.2150, 0.0958

Inverse Universe

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



36.1224, 0.3445, 0.2856



51.3931, 0.3537, 0.2761



52.7226, 0.3108, 0.4185



11.9148, 0.3206, 0.3164



9.1309, 0.4748, 0.2389



0.5264, 0.4390, 0.2192

Previews

White Background



This preview shows how the Yxy color 32.9206, 0.2835, 0.2450 looks on a white background.

Color Contrast Check

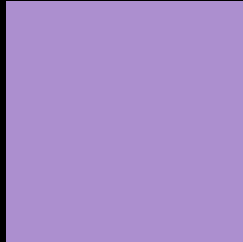
Large Text (above 18pt) WCAG AA × Fail

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 32.9206, 0.2835, 0.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

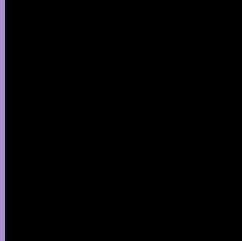
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9206, 0.2835, 0.2450

Background



This preview shows how black text looks on a background with the Yxy color 32.9206, 0.2835, 0.2450.



This preview shows how white text looks on a background with the Yxy color 32.9206, 0.2835, 0.2450.

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

32.9206, 0.2835, 0.2450

Protanopia

33.0071, 0.2501, 0.2430

Deuteranopia

33.1195, 0.2621, 0.2560



Tritanopia

33.1001, 0.3155, 0.3130

Trichromacy



Original Color

32.9206, 0.2835, 0.2450

Protanomaly

32.7324, 0.2614, 0.2430

Deuteranomaly

32.8211, 0.2690, 0.2507

Tritanomaly

33.0744, 0.3039, 0.2869

Monochromacy



Original Color

32.9206, 0.2835, 0.2450

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.8096, 0.3026, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9206, 0.2835, 0.2450 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(172, 143, 207)` looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 207)  
}
```

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(172, 143, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 207) }
```

Border

The CSS property to change the border of an element to Yxy 32.9206, 0.2835, 0.2450 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(172, 143, 207) }
```

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

```
.border{ border-color:rgb(172, 143, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 143, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 143, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 143, 207);  
box-shadow:4px 4px 4px 4px rgb(172, 143,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9206, 0.2835, 0.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 207) }
```

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

```
.background{ background-color: rgb(172,  
143, 207) }
```

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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