

Converting Colors

$Y_{xy}(32.9300, 0.2919, 0.2567)$

Have a look what the booklet for
Yxy(32.9300, 0.2919, 0.2567)
contains.

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Color

Yxy(32.9080, 0.2919, 0.2569)

Conversions

Conversions Part 1

Format	Color
Hex	AD90C6
RGB	173, 144, 198
RGB Percent	68%, 56%, 78%
CMY	0.3217, 0.4352, 0.2236
CMYK	0.13, 0.27, 0.00, 0.22
HSL	272°, 32%, 67%
HSV	272°, 27%, 78%
XYZ	37.3914, 32.9080, 57.7972
YIQ	158.8270, -0.0500, 22.9420

Conversions

Conversions Part 2

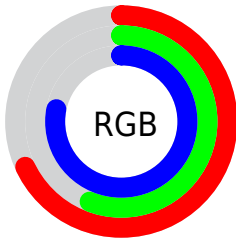
Format	Color
R _Y B	173, 144, 198
Decimal	11374790
CIE Lab	64.09, 21.17, -23.86
CIE LCh	64, 31.892, 311.579
Yxy	32.9080, 0.2919, 0.2569
Android (android.graphics.Color)	4289564870 (0xFFAD90C6)
YUV	158.8270, 19.3123, 12.4297
Hunter-Lab	57.3655, 15.9584, -19.5803

Details

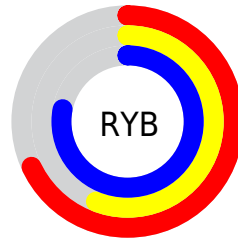
The Yxy color **32.9080, 0.2919, 0.2569** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.8355, 0.3290, 0.4020**, and the grayscale version is **34.4972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2662, 0.2963, 0.2699**, and **13.8354, 0.2844, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **26.4169, 0.2821, 0.2279**, and if you desaturate by 10%, it is **40.5255, 0.3006, 0.2848**.

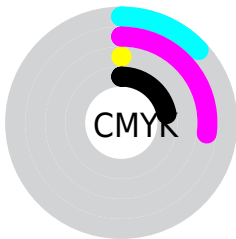
Distribution



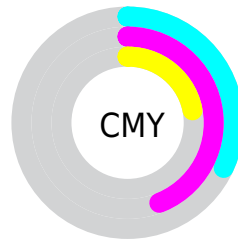
- Red (68%)
- Green (56%)
- Blue (78%)



- Red (68%)
- Yellow (56%)
- Blue (78%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)




- Cyan (32%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9080, 0.2919, 0.2569 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 32.9080, 0.2919, 0.2569 by changing the saturation by 10% instead.


 32.9080, 0.2919,
0.2569


 32.9080, 0.2919,
0.2569


315.2350, 0.3034,
0.2931

 22.0560, 0.2887,
0.2479


 64.2319, 0.2963,
0.2700

 13.8980, 0.2844,
0.2364


 85.4725, 0.2979,
0.2750

 8.0498, 0.2783,
0.2211


110.9448, 0.2992,
0.2792

 4.1268, 0.2691,
0.2002

141.0331, 0.3003,
0.2827

 1.7448, 0.2542,
0.1700

176.1219, 0.3013,
0.2858

 0.4524, 0.2305,
0.1096

216.5956, 0.3021,

 0.0000, 0.0000,

0.2886

0.0000

262.8385, 0.3028,
0.2910

■ 32.9080, 0.2919,
0.2569

■ 32.9080, 0.2919,
0.2569

■ 26.4169, 0.2821,
0.2279

■ 40.5255, 0.3006,
0.2848

■ 20.9917, 0.2711,
0.1988

■ 49.3177, 0.3080,
0.3112

■ 16.5724, 0.2593,
0.1708

■ 59.3348, 0.3143,
0.3355

■ 13.0912, 0.2470,
0.1453

■ 70.6229, 0.3197,
0.3576

■ 10.4715, 0.2347,
0.1236

■ 83.2258, 0.3241,
0.3777

8.6241, 0.2229,
0.1068

92.0984, 0.3288,
0.3884

7.4259, 0.2120,
0.0953

93.6407, 0.3348,
0.3872

7.1510, 0.2091,
0.0926

95.2639, 0.3409,
0.3861

96.8565, 0.3466,
0.3850

Harmonies

Analogous

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



32.9080, 0.2503, 0.2492



32.9080, 0.2919, 0.2569



32.9080, 0.3428, 0.2803

Triad

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



32.9080, 0.2919, 0.2569



32.9080, 0.4056, 0.3915



32.9080, 0.2414, 0.3376

Complementary

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



32.9080, 0.2919, 0.2569



50.8355, 0.3290, 0.4020

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.



32.9080, 0.2788, 0.3862



32.9080, 0.2919, 0.2569



32.9080, 0.3739, 0.4162

Square

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



32.9080, 0.2919, 0.2569



32.9080, 0.4115, 0.3543



32.9080, 0.3272, 0.4162



32.9080, 0.2231, 0.2910

Rectangle

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



32.9080, 0.2919, 0.2569



32.9080, 0.3746, 0.3024



32.9080, 0.3272, 0.4162



32.9080, 0.2520, 0.3546

Sweetspot

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



32.9094, 0.2919, 0.2569



85.9175, 0.3074, 0.3090



38.4599, 0.2694, 0.2885



17.8574, 0.3063, 0.3050



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.



32.9094, 0.2919, 0.2569



50.8843, 0.2859, 0.2389



35.9509, 0.3175, 0.2640



10.5628, 0.3065, 0.3057



4.7027, 0.2105, 0.0933



0.2654, 0.2326, 0.1055

Inverse Universe

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



34.8233, 0.3444, 0.2966



54.9761, 0.3541, 0.2889



48.3820, 0.3078, 0.4040



10.7174, 0.3218, 0.3183



8.3251, 0.5092, 0.2579



0.4088, 0.4599, 0.2307

Previews

White Background



This preview shows how the Yxy color 32.9080, 0.2919, 0.2569 looks on a white background.

Color Contrast Check

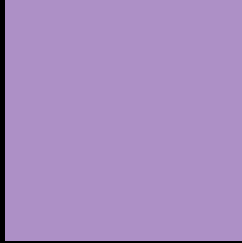
Large Text (above 18pt) WCAG AA × Fail

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 32.9080, 0.2919, 0.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

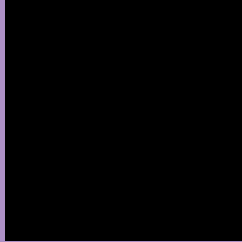
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9080, 0.2919, 0.2569

Background



This preview shows how black text looks on a background with the Yxy color 32.9080, 0.2919, 0.2569.



This preview shows how white text looks on a background with the Yxy color 32.9080, 0.2919, 0.2569.

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

32.9080, 0.2919, 0.2569

Protanopia

33.1817, 0.2599, 0.2570

Deuteranopia

32.8316, 0.2726, 0.2665



Tritanopia

32.9931, 0.3175, 0.3117

Trichromacy



Original Color

32.9080, 0.2919, 0.2569

Protanomaly

32.8493, 0.2712, 0.2568

Deuteranomaly

32.7952, 0.2793, 0.2623

Tritanomaly

32.7494, 0.3076, 0.2896

Monochromacy



Original Color

32.9080, 0.2919, 0.2569

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.0208, 0.3053, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9080, 0.2919, 0.2569 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, 144, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 144, 198)  
}
```

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, 144, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 144, 198) }
```

Border

The CSS property to change the border of an element to Yxy 32.9080, 0.2919, 0.2569 is called "border". The border property can be set on classes, ids or directly on the HTML element.

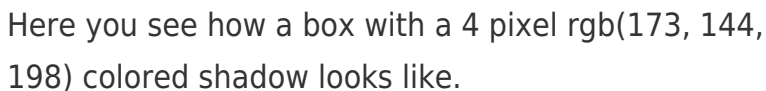
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 144, 198) }
```

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

```
.border{ border-color:rgb(173, 144, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 144, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 144, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 144, 198); box-shadow:4px 4px 4px 4px rgb(173, 144, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9080, 0.2919, 0.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 144, 198) }
```

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

```
.background{ background-color: rgb(173,  
144, 198) }
```

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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