

Converting Colors

$Y_{xy}(28.9193, 0.3185, 0.2774)$

Have a look what the booklet for
Yxy(28.9193, 0.3185, 0.2774)
contains.

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Color

Yxy(28.9891, 0.3184, 0.2769)

Conversions

Conversions Part 1

Format	Color
Hex	AE86AB
RGB	174, 134, 171
RGB Percent	68%, 53%, 67%
CMY	0.3176, 0.4745, 0.3294
CMYK	0.00, 0.23, 0.02, 0.32
HSL	305°, 20%, 60%
HSV	305°, 23%, 68%
XYZ	33.3338, 28.9891, 42.3687
YIQ	150.1780, 11.9630, 19.9870

Conversions

Conversions Part 2

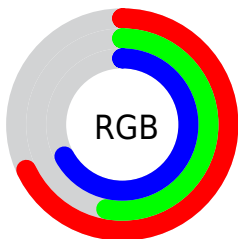
Format	Color
RYB	174, 134, 171
Decimal	11437739
CIELab	60.77, 21.69, -13.65
CIELCh	61, 25.625, 327.820
Yxy	28.9891, 0.3184, 0.2769
Android (android.graphics.Color)	4289627819 (0xFFAE86AB)
YUV	150.1780, 10.2652, 20.8919
Hunter-Lab	53.8415, 16.2884, -8.9671

Details

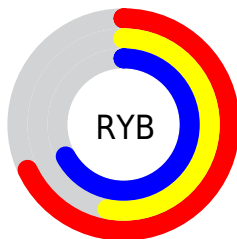
The Yxy color **28.9891, 0.3184, 0.2769** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.1521, 0.3074, 0.3873**, and the grayscale version is **30.5316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8546, 0.3179, 0.2868**, and **11.7375, 0.3191, 0.2604** is the 20% darker color. If you saturate the color by 10%, you get **24.5198, 0.3212, 0.2541**, and if you desaturate by 10%, it is **34.2529, 0.3158, 0.2999**.

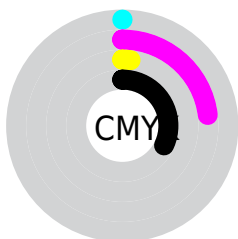
Distribution



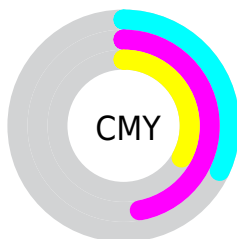
- Red (68%)
- Green (53%)
- Blue (67%)



- Red (68%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (32%)





- Cyan (32%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9891, 0.3184, 0.2769 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 28.9891, 0.3184, 0.2769 by changing the saturation by 10% instead.


 28.9891, 0.3184,
0.2769


 28.9891, 0.3184,
0.2769


297.1635, 0.3158,
0.3039


 19.0726, 0.3190,
0.2699


 58.0598, 0.3175,
0.2869

 11.7227, 0.3196,
0.2606


 77.9827, 0.3172,
0.2906

 6.5552, 0.3203,
0.2480


 102.0099, 0.3169,
0.2937

 3.1855, 0.3210,
0.2298

130.5257, 0.3166,
0.2964

 1.2293, 0.3211,
0.2015

163.9146, 0.3164,
0.2987

 0.0855, 0.3498,
0.0490

202.5610, 0.3162,

 0.0000, 0.0000,

0.3006

0.0000

246.8491, 0.3160,
0.3024

■ 28.9891, 0.3184,
0.2769

■ 28.9891, 0.3184,
0.2769

■ 24.5198, 0.3212,
0.2541

■ 34.2529, 0.3158,
0.2999

■ 20.8026, 0.3243,
0.2323

■ 40.3434, 0.3134,
0.3224

■ 17.7968, 0.3274,
0.2123

■ 47.2958, 0.3112,
0.3440

■ 15.4562, 0.3305,
0.1951

■ 55.1419, 0.3094,
0.3644

■ 13.7296, 0.3335,
0.1816

■ 63.9121, 0.3077,
0.3833

■ 12.5580, 0.3364,
0.1721

■ 73.6352, 0.3063,
0.4008

■ 11.8709, 0.3390,
0.1670

■ 83.8223, 0.3051,
0.4160

■ 11.5710, 0.3407,
0.1650

■ 83.8760, 0.3044,
0.4144

■ 83.9301, 0.3037,
0.4128

Harmonies

Analogous

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



28.9891, 0.2777, 0.2627



28.9891, 0.3184, 0.2769



28.9891, 0.3600, 0.3029

Triad

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



28.9891, 0.3184, 0.2769



28.9891, 0.3790, 0.3952



28.9891, 0.2416, 0.3145

Complementary

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



28.9891, 0.3184, 0.2769



37.1521, 0.3074, 0.3873

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.



28.9891, 0.2655, 0.3557



28.9891, 0.3184, 0.2769



28.9891, 0.3444, 0.4047

Square

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



28.9891, 0.3184, 0.2769



28.9891, 0.3960, 0.3691



28.9891, 0.3028, 0.3905



28.9891, 0.2357, 0.2814

Rectangle

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



28.9891, 0.3184, 0.2769



28.9891, 0.3816, 0.3243



28.9891, 0.3028, 0.3905



28.9891, 0.2477, 0.3279

Sweetspot

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



28.9904, 0.3184, 0.2769



68.4204, 0.3143, 0.3132



25.3963, 0.2771, 0.2663



15.0638, 0.3145, 0.3119



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.9904, 0.3184, 0.2769



47.9440, 0.3199, 0.2643



28.2953, 0.3393, 0.3039



8.1375, 0.3149, 0.3083



8.3949, 0.3404, 0.1649



0.2365, 0.3339, 0.1613

Inverse Universe

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



28.9904, 0.3184, 0.2769



47.9440, 0.3199, 0.2643



37.7689, 0.2922, 0.3556



8.1375, 0.3149, 0.3083



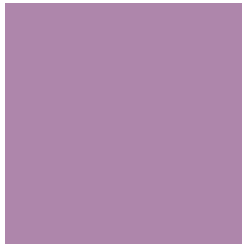
8.3949, 0.3404, 0.1649



0.2365, 0.3339, 0.1613

Previews

White Background



This preview shows how the Yxy color 28.9891, 0.3184, 0.2769 looks on a white background.

Color Contrast Check

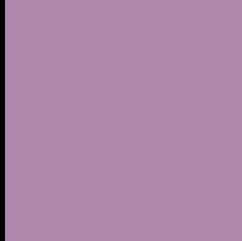
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9891, 0.3184, 0.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

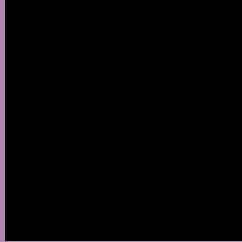
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9891, 0.3184, 0.2769

Background



This preview shows how black text looks on a background with the Yxy color 28.9891, 0.3184, 0.2769.



This preview shows how white text looks on a background with the Yxy color 28.9891, 0.3184, 0.2769.

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

28.9891, 0.3184, 0.2769

Protanopia

28.9944, 0.2763, 0.2771

Deuteranopia

28.9935, 0.2952, 0.2896



Tritanopia

29.0048, 0.3378, 0.3129

Trichromacy



Original Color

28.9891, 0.3184, 0.2769

Protanomaly

28.8597, 0.2908, 0.2769

Deuteranomaly

29.0294, 0.3034, 0.2847

Tritanomaly

29.0963, 0.3305, 0.3001

Monochromacy



Original Color

28.9891, 0.3184, 0.2769

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.7861, 0.3147, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9891, 0.3184, 0.2769 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(174, 134, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 134, 171)  
}
```

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(174, 134, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 134, 171) }
```

Border

The CSS property to change the border of an element to Yxy 28.9891, 0.3184, 0.2769 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(174, 134, 171) }
```

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

```
.border{ border-color:rgb(174, 134, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 134, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 134, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 134, 171); box-shadow:4px 4px 4px 4px rgb(174, 134, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9891, 0.3184, 0.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 134, 171) }
```

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

```
.background{ background-color: rgb(174,  
134, 171) }
```

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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