

Converting Colors

$Y_{xy}(40.9879, 0.3226, 0.2985)$

Have a look what the booklet for
Yxy(40.9879, 0.3226, 0.2985)
contains.

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Color

Yxy(40.9879, 0.3226, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	C3A2BA
RGB	195, 162, 186
RGB Percent	76%, 64%, 73%
CMY	0.2351, 0.3648, 0.2706
CMYK	0.00, 0.17, 0.05, 0.24
HSL	316°, 22%, 70%
HSV	316°, 17%, 76%
XYZ	44.2971, 40.9879, 52.0279
YIQ	174.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

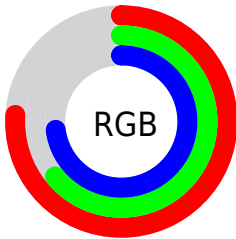
Format	Color
R_{YB}	195, 162, 186
Decimal	12821178
CIE Lab	70.17, 16.25, -7.79
CIE LCh	70, 18.020, 334.372
Yxy	40.9879, 0.3226, 0.2985
Android (android.graphics.Color)	4291011258 (0xFFC3A2BA)
YUV	174.6030, 5.6187, 17.8882
Hunter-Lab	64.0218, 11.4673, -3.3673

Details

The Yxy color **40.9879, 0.3226, 0.2985** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6730, 0.3041, 0.3616**, and the grayscale version is **42.6225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7320, 0.3210, 0.3042**, and **18.5080, 0.3251, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **34.4205, 0.3298, 0.2798**, and if you desaturate by 10%, it is **48.6331, 0.3164, 0.3168**.

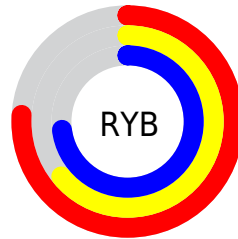
Distribution



Red (76%)

Green (64%)

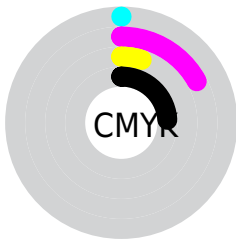
Blue (73%)



Red (76%)

Yellow (64%)

Blue (73%)

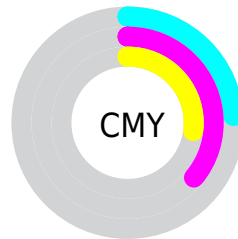


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9879, 0.3226, 0.2985 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 40.9879, 0.3226, 0.2985 by changing the saturation by 10% instead.


 40.9879, 0.3226,
0.2985


 40.9879, 0.3226,
0.2985


350.2700, 0.3177,
0.3137

 28.3096, 0.3238,
0.2947


 76.6655, 0.3208,
0.3040

 18.5592, 0.3253,
0.2899


 100.4337, 0.3202,
0.3061

 11.3522, 0.3273,
0.2834


128.6672, 0.3196,
0.3078

 6.3043, 0.3301,
0.2744

161.7506, 0.3191,
0.3094

 3.0310, 0.3341,
0.2611

200.0682, 0.3187,
0.3107

 1.1479, 0.3405,
0.2393

244.0043, 0.3183,

 0.0185, 0.4151,

0.3118

0.0186

293.9435, 0.3180,
0.3128

0.0000, 0.0000,
0.0000

40.9879, 0.3226,
0.2985

40.9879, 0.3226,
0.2985

34.4205, 0.3298,
0.2798

48.6331, 0.3164,
0.3168

28.8765, 0.3380,
0.2612

57.3967, 0.3112,
0.3342

24.3047, 0.3472,
0.2434

67.3236, 0.3068,
0.3506

20.6475, 0.3574,
0.2274

78.4548, 0.3031,
0.3659

17.8411, 0.3682,
0.2143

87.9170, 0.3000,
0.3754

■ 15.8136, 0.3795,
0.2050

■ 88.1922, 0.2971,
0.3694

■ 14.4808, 0.3909,
0.2002

■ 88.4764, 0.2942,
0.3633

■ 13.7289, 0.4019,
0.2002

■ 88.7697, 0.2914,
0.3574

■ 13.5506, 0.4052,
0.2006

■ 89.0722, 0.2886,
0.3515

Harmonies

Analogous

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



40.9879, 0.2962, 0.2873



40.9879, 0.3226, 0.2985



40.9879, 0.3472, 0.3170

Triad

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



40.9879, 0.3226, 0.2985



40.9879, 0.3508, 0.3732



40.9879, 0.2653, 0.3156

Complementary

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



40.9879, 0.3226, 0.2985



49.6730, 0.3041, 0.3616

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.



40.9879, 0.2788, 0.3403



40.9879, 0.3226, 0.2985



40.9879, 0.3278, 0.3748

Square

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



40.9879, 0.3226, 0.2985



40.9879, 0.3638, 0.3596



40.9879, 0.3014, 0.3627



40.9879, 0.2640, 0.2960

Rectangle

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



40.9879, 0.3226, 0.2985



40.9879, 0.3589, 0.3316



40.9879, 0.3014, 0.3627



40.9879, 0.2685, 0.3236

Sweetspot

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



40.9897, 0.3226, 0.2985



89.8374, 0.3154, 0.3201



38.4146, 0.2929, 0.2847



19.4385, 0.3158, 0.3188



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.



40.9897, 0.3226, 0.2985



69.2118, 0.3249, 0.2922



40.3357, 0.3375, 0.3191



10.1989, 0.3178, 0.3124



8.8172, 0.4038, 0.1998



0.3921, 0.3814, 0.1875

Inverse Universe

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



40.9897, 0.3226, 0.2985



69.2118, 0.3249, 0.2922



50.3333, 0.2927, 0.3392



10.1989, 0.3178, 0.3124



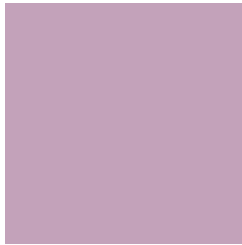
8.8172, 0.4038, 0.1998



0.3921, 0.3814, 0.1875

Previews

White Background



This preview shows how the Yxy color 40.9879, 0.3226, 0.2985 looks on a white background.

Color Contrast Check

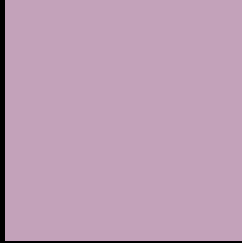
Large Text (above 18pt) WCAG AA × Fail

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 40.9879, 0.3226, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

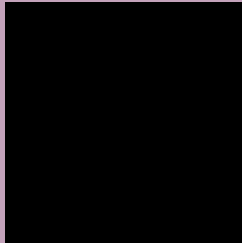
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9879, 0.3226, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 40.9879, 0.3226, 0.2985.



This preview shows how white text looks on a background with the Yxy color 40.9879, 0.3226, 0.2985.

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

40.9879, 0.3226, 0.2985

Protanopia

40.9461, 0.2948, 0.3007

Deuteranopia

41.0853, 0.3111, 0.3053



Tritanopia

41.1548, 0.3304, 0.3136

Trichromacy



Original Color

40.9879, 0.3226, 0.2985

Protanomaly

40.7765, 0.3042, 0.2999

Deuteranomaly

40.9778, 0.3158, 0.3030

Tritanomaly

40.9590, 0.3269, 0.3072

Monochromacy



Original Color

40.9879, 0.3226, 0.2985

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.9492, 0.3160, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9879, 0.3226, 0.2985 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(195, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 186)  
}
```

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(195, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 186) }
```

Border

The CSS property to change the border of an element to Yxy 40.9879, 0.3226, 0.2985 is called "border". The border property can be set on classes, ids or directly on the HTML element.

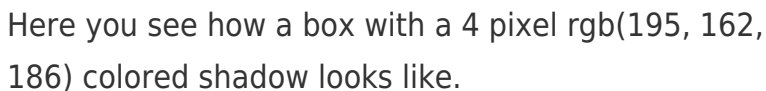
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 162, 186) }
```

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

```
.border{ border-color:rgb(195, 162, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 162, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 162, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 162, 186); box-shadow:4px 4px 4px 4px rgb(195, 162, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9879, 0.3226, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 186) }
```

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

```
.background{ background-color: rgb(195,  
162, 186) }
```

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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