

Converting Colors

$Y_{xy}(29.7697, 0.33378, 0.2866)$

Have a look what the booklet for
Yxy(29.7697, 0.3378, 0.2866)
contains.

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Color

Yxy(29.7697, 0.3378, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	B985A4
RGB	185, 133, 164
RGB Percent	73%, 52%, 64%
CMY	0.2747, 0.4783, 0.3569
CMYK	0.00, 0.28, 0.11, 0.27
HSL	324°, 27%, 62%
HSV	324°, 28%, 73%
XYZ	35.0879, 29.7697, 39.0143
YIQ	152.0820, 21.0410, 20.6650

Conversions

Conversions Part 2

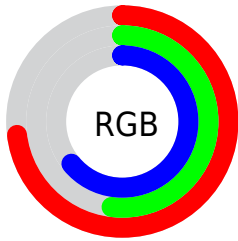
Format	Color
R_{YB}	185, 133, 164
Decimal	12158372
CIE _{Lab}	61.46, 24.82, -8.51
CIE _{LCh}	61, 26.243, 341.078
Yxy	29.7697, 0.3378, 0.2866
Android (android.graphics.Color)	4290348452 (0xFFB985A4)
YUV	152.0820, 5.8756, 28.8691
Hunter-Lab	54.5616, 19.3085, -4.2022

Details

The Yxy color $29.7697, 0.3378, 0.2866$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $42.0025, 0.2938, 0.3757$, and the grayscale version is $31.4040, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5324, 0.3331, 0.2952$, and $12.1817, 0.3461, 0.2742$ is the 20% darker color. If you saturate the color by 10%, you get $24.8816, 0.3499, 0.2710$, and if you desaturate by 10%, it is $35.5682, 0.3275, 0.3022$.

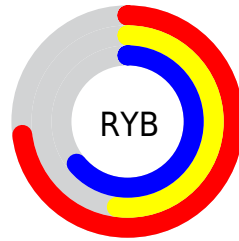
Distribution



Red (73%)

Green (52%)

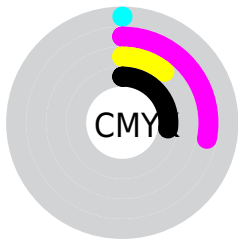
Blue (64%)



Red (73%)

Yellow (52%)

Blue (64%)

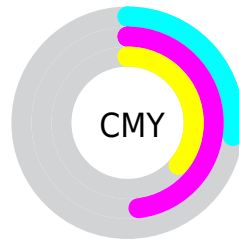


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7697, 0.3378, 0.2866 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 29.7697, 0.3378, 0.2866 by changing the saturation by 10% instead.


 29.7697, 0.3378,
0.2866


 29.7697, 0.3378,
0.2866


300.8295, 0.3247,
0.3086


 19.6638, 0.3413,
0.2808


 59.2978, 0.3329,
0.2948

 12.1509, 0.3459,
0.2732


 79.4888, 0.3311,
0.2978

 6.8466, 0.3522,
0.2628


 103.8103, 0.3296,
0.3004

 3.3663, 0.3615,
0.2476

132.6468, 0.3283,
0.3025

 1.3258, 0.3764,
0.2237

166.3825, 0.3272,
0.3044

 0.1611, 0.4490,
0.0953

205.4020, 0.3263,

 0.0000, 0.0000,

0.3060

0.0000

250.0895, 0.3254,
0.3074

■ 29.7697, 0.3378,
0.2866

■ 29.7697, 0.3378,
0.2866

■ 24.8816, 0.3499,
0.2710

■ 35.5682, 0.3275,
0.3022

■ 20.8527, 0.3639,
0.2562

■ 42.3166, 0.3187,
0.3173

■ 17.6331, 0.3796,
0.2430

■ 50.0570, 0.3114,
0.3317

■ 15.1660, 0.3968,
0.2326

■ 58.8278, 0.3053,
0.3452

■ 13.3871, 0.4151,
0.2261

■ 68.6653, 0.3002,
0.3577

■ 12.2214, 0.4337,
0.2244

■ 79.6042, 0.2960,
0.3692

■ 11.5500, 0.4520,
0.2275

■ 86.8008, 0.2923,
0.3721

■ 11.4413, 0.4556,
0.2283

■ 87.1966, 0.2884,
0.3635

■ 87.6101, 0.2845,
0.3550

Harmonies

Analogous

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



29.7697, 0.2945, 0.2664



29.7697, 0.3378, 0.2866



29.7697, 0.3761, 0.3167

Triad

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



29.7697, 0.3378, 0.2866



29.7697, 0.3661, 0.4031



29.7697, 0.2356, 0.2977

Complementary

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



29.7697, 0.3378, 0.2866



42.0025, 0.2938, 0.3757

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.



29.7697, 0.2520, 0.3374



29.7697, 0.3378, 0.2866



29.7697, 0.3264, 0.4026

Square

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



29.7697, 0.3378, 0.2866



29.7697, 0.3923, 0.3828



29.7697, 0.2847, 0.3777



29.7697, 0.2380, 0.2706

Rectangle

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



29.7697, 0.3378, 0.2866



29.7697, 0.3923, 0.3395



29.7697, 0.2847, 0.3777



29.7697, 0.2390, 0.3100

Sweetspot

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



29.7710, 0.3378, 0.2866



75.7585, 0.3188, 0.3172



27.1331, 0.2842, 0.2534



15.9171, 0.3200, 0.3150



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



29.7710, 0.3378, 0.2866



47.4905, 0.3454, 0.2765



28.9323, 0.3670, 0.3218



9.0997, 0.3197, 0.3155



7.8090, 0.4534, 0.2271



0.2872, 0.4107, 0.2036

Inverse Universe

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



29.7710, 0.3378, 0.2866



47.4905, 0.3454, 0.2765



42.9554, 0.2759, 0.3364



9.0997, 0.3197, 0.3155



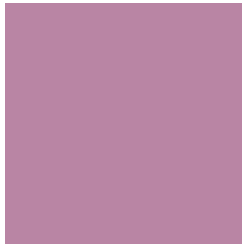
7.8090, 0.4534, 0.2271



0.2872, 0.4107, 0.2036

Previews

White Background



This preview shows how the Yxy color 29.7697, 0.3378, 0.2866 looks on a white background.

Color Contrast Check

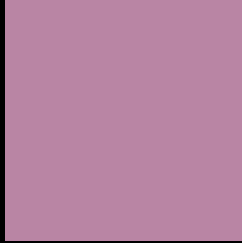
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7697, 0.3378, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

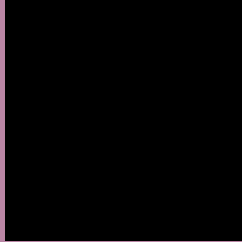
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7697, 0.3378, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 29.7697, 0.3378, 0.2866.



This preview shows how white text looks on a background with the Yxy color 29.7697, 0.3378, 0.2866.

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

29.7697, 0.3378, 0.2866

Protanopia

29.8139, 0.2861, 0.2894

Deuteranopia

30.0275, 0.3088, 0.3035



Tritanopia

29.7822, 0.3538, 0.3136

Trichromacy



Original Color

29.7697, 0.3378, 0.2866

Protanomaly

29.6192, 0.3033, 0.2877

Deuteranomaly

29.9096, 0.3184, 0.2970

Tritanomaly

29.8182, 0.3485, 0.3040

Monochromacy



Original Color

29.7697, 0.3378, 0.2866

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5436, 0.3219, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7697, 0.3378, 0.2866 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(185, 133, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 133, 164)  
}
```

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(185, 133, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 133, 164) }
```

Border

The CSS property to change the border of an element to Yxy 29.7697, 0.3378, 0.2866 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(185, 133, 164) }
```

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

```
.border{ border-color:rgb(185, 133, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 133, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 133, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 133, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 133,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7697, 0.3378, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 133, 164) }
```

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

```
.background{ background-color: rgb(185,  
133, 164) }
```

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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