

Converting Colors

$Y_{xy}(29.6505, 0.3320, 0.2840)$

Have a look what the booklet for
Yxy(29.6505, 0.3320, 0.2840)
contains.

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Color

Yxy(29.7485, 0.3323, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	B686A6
RGB	182, 134, 166
RGB Percent	71%, 53%, 65%
CMY	0.2861, 0.4746, 0.3490
CMYK	0.00, 0.26, 0.09, 0.29
HSL	320°, 25%, 62%
HSV	320°, 26%, 71%
XYZ	34.7101, 29.7485, 39.9954
YIQ	152.0000, 18.3360, 20.1280

Conversions

Conversions Part 2

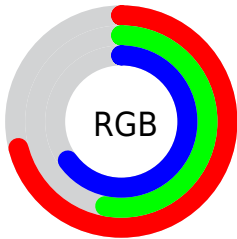
Format	Color
RYB	182, 134, 166
Decimal	11962022
CIELab	61.44, 23.61, -9.72
CIELCh	61, 25.535, 337.619
Yxy	29.7485, 0.3323, 0.2848
Android (android.graphics.Color)	4290152102 (0xFFB686A6)
YUV	152.0000, 6.9020, 26.3100
Hunter-Lab	54.5422, 18.1467, -5.2974

Details

The Yxy color $29.7485, 0.3323, 0.2848$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $40.7480, 0.2974, 0.3778$, and the grayscale version is $31.3651, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.3640, 0.3281, 0.2938$, and $12.1447, 0.3379, 0.2716$ is the 20% darker color. If you saturate the color by 10%, you get $24.9263, 0.3421, 0.2676$, and if you desaturate by 10%, it is $35.4501, 0.3239, 0.3020$.

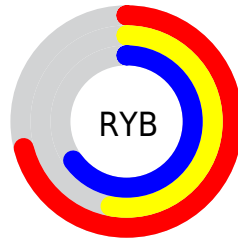
Distribution



Red (71%)

Green (53%)

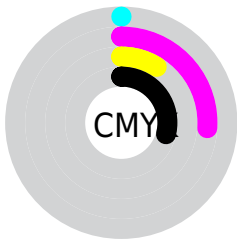
Blue (65%)



Red (71%)

Yellow (53%)

Blue (65%)

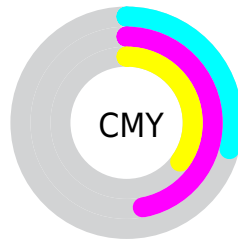


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7485, 0.3323, 0.2848 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 29.7485, 0.3323, 0.2848 by changing the saturation by 10% instead.


 29.7485, 0.3323,
0.2848


 29.7485, 0.3323,
0.2848


300.7304, 0.3222,
0.3077


 19.6478, 0.3349,
0.2788


 59.2642, 0.3285,
0.2933

 12.1393, 0.3384,
0.2709


 79.4480, 0.3271,
0.2965

 6.8386, 0.3432,
0.2601


 103.7616, 0.3260,
0.2991

 3.3614, 0.3500,
0.2445

132.5894, 0.3250,
0.3014

 1.3232, 0.3608,
0.2198

166.3157, 0.3241,
0.3033

 0.1590, 0.4183,
0.0914

205.3251, 0.3234,

 0.0000, 0.0000,

0.3050

0.0000

250.0019, 0.3227,
0.3064

■ 29.7485, 0.3323,
0.2848

■ 29.7485, 0.3323,
0.2848

■ 24.9263, 0.3421,
0.2676

■ 35.4501, 0.3239,
0.3020

■ 20.9351, 0.3532,
0.2511

■ 42.0686, 0.3167,
0.3187

■ 17.7277, 0.3656,
0.2361

■ 49.6439, 0.3107,
0.3346

■ 15.2505, 0.3792,
0.2238

■ 58.2125, 0.3056,
0.3495

■ 13.4434, 0.3934,
0.2151

■ 67.8089, 0.3013,
0.3633

■ 12.2364, 0.4079,
0.2111

■ 78.4662, 0.2978,
0.3761

■ 11.5363, 0.4222,
0.2119

■ 86.0524, 0.2947,
0.3813

■ 11.3400, 0.4274,
0.2128

■ 86.3582, 0.2915,
0.3742

■ 86.6755, 0.2884,
0.3671

Harmonies

Analogous

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



29.7485, 0.2905, 0.2665



29.7485, 0.3323, 0.2848



29.7485, 0.3708, 0.3133

Triad

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



29.7485, 0.3323, 0.2848



29.7485, 0.3685, 0.3998



29.7485, 0.2385, 0.3026

Complementary

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



29.7485, 0.3323, 0.2848



40.7480, 0.2974, 0.3778

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.



29.7485, 0.2566, 0.3420



29.7485, 0.3323, 0.2848



29.7485, 0.3309, 0.4018

Square

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



29.7485, 0.3323, 0.2848



29.7485, 0.3919, 0.3783



29.7485, 0.2899, 0.3801



29.7485, 0.2387, 0.2744

Rectangle

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



29.7485, 0.3323, 0.2848



29.7485, 0.3881, 0.3354



29.7485, 0.2899, 0.3801



29.7485, 0.2425, 0.3150

Sweetspot

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



29.7498, 0.3323, 0.2848



74.0249, 0.3179, 0.3159



26.9084, 0.2831, 0.2578



15.9365, 0.3189, 0.3134



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.



29.7498, 0.3323, 0.2848



48.3566, 0.3381, 0.2742



28.9489, 0.3590, 0.3177



9.1104, 0.3187, 0.3139



8.0155, 0.4258, 0.2119



0.2935, 0.3925, 0.1936

Inverse Universe

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



29.7498, 0.3323, 0.2848



48.3566, 0.3381, 0.2742



41.6030, 0.2802, 0.3407



9.1104, 0.3187, 0.3139



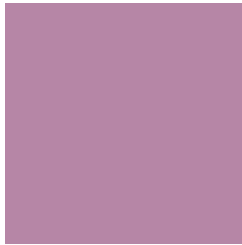
8.0155, 0.4258, 0.2119



0.2935, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 29.7485, 0.3323, 0.2848 looks on a white background.

Color Contrast Check

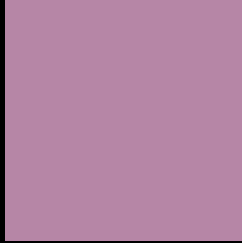
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7485, 0.3323, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

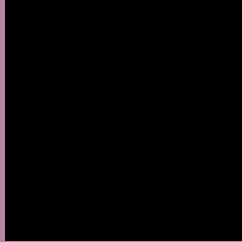
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7485, 0.3323, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 29.7485, 0.3323, 0.2848.



This preview shows how white text looks on a background with the Yxy color 29.7485, 0.3323, 0.2848.

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

29.7485, 0.3323, 0.2848

Protanopia

29.8022, 0.2835, 0.2864

Deuteranopia

29.9991, 0.3059, 0.3005



Tritanopia

29.7327, 0.3491, 0.3134

Trichromacy



Original Color

29.7485, 0.3323, 0.2848

Protanomaly

29.4927, 0.2994, 0.2847

Deuteranomaly

29.7657, 0.3144, 0.2939

Tritanomaly

29.7986, 0.3427, 0.3023

Monochromacy



Original Color

29.7485, 0.3323, 0.2848

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.4716, 0.3198, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7485, 0.3323, 0.2848 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(182, 134, 166)` looks like.

```
.text, #text, p{  
    color:rgb(182, 134, 166)  
}
```

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(182, 134, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 134, 166) }
```

Border

The CSS property to change the border of an element to Yxy 29.7485, 0.3323, 0.2848 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(182, 134, 166) }
```

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

```
.border{ border-color:rgb(182, 134, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 134, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 134, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 134, 166);  
box-shadow:4px 4px 4px 4px rgb(182, 134,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7485, 0.3323, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 134, 166) }
```

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

```
.background{ background-color: rgb(182,  
134, 166) }
```

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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