

Converting Colors

$Y_{xy}(42.7537, 0.3291, 0.2987)$

Have a look what the booklet for
Yxy(42.7537, 0.3291, 0.2987)
contains.

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Color

Yxy(42.6626, 0.3290, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3BC
RGB	204, 163, 188
RGB Percent	80%, 64%, 74%
CMY	0.2001, 0.3607, 0.2627
CMYK	0.00, 0.20, 0.08, 0.20
HSL	323°, 29%, 72%
HSV	323°, 20%, 80%
XYZ	47.0691, 42.6626, 53.3354
YIQ	178.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

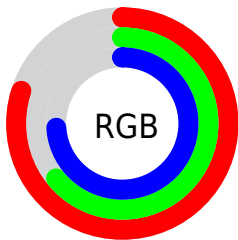
Format	Color
R_{YB}	204, 163, 188
Decimal	13411260
CIE _{Lab}	71.33, 19.18, -7.10
CIE _{LCh}	71, 20.450, 339.694
Yxy	42.6626, 0.3290, 0.2982
Android (android.graphics.Color)	4291601340 (0xFFCCA3BC)
YUV	178.1090, 4.8763, 22.7064
Hunter-Lab	65.3166, 14.3283, -2.6926

Details

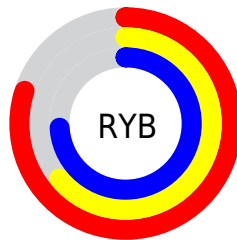
The Yxy color **42.6626, 0.3290, 0.2982** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.2102, 0.2993, 0.3620**, and the grayscale version is **44.5485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9345, 0.3217, 0.3034**, and **19.5077, 0.3328, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **35.6618, 0.3394, 0.2821**, and if you desaturate by 10%, it is **50.8542, 0.3202, 0.3139**.

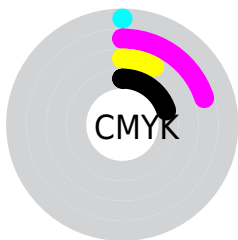
Distribution



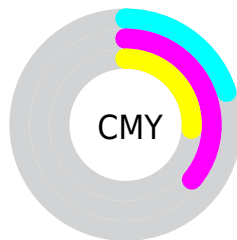
- Red (80%)
- Green (64%)
- Blue (74%)



- Red (80%)
- Yellow (64%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6626, 0.3290, 0.2982 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 42.6626, 0.3290, 0.2982 by changing the saturation by 10% instead.


 42.6626, 0.3290,
0.2982

 42.6626, 0.3290,
0.2982


357.2224, 0.3209,
0.3135

 29.6205, 0.3310,
0.2944


 79.2015, 0.3261,
0.3037

 19.5507, 0.3336,
0.2896


 103.4670, 0.3250,
0.3058

 12.0689, 0.3369,
0.2833


132.2424, 0.3240,
0.3075

 6.7906, 0.3416,
0.2745

165.9122, 0.3232,
0.3091

 3.3315, 0.3486,
0.2616

204.8607, 0.3225,
0.3104

 1.3071, 0.3598,
0.2408

249.4723, 0.3219,

 0.1467, 0.4309,

0.3115

0.1040

300.1314, 0.3214,
0.3125

0.0000, 0.0000,
0.0000

42.6626, 0.3290,
0.2982

42.6626, 0.3290,
0.2982

35.6618, 0.3394,
0.2821

50.8542, 0.3202,
0.3139

29.7898, 0.3516,
0.2662

60.2834, 0.3128,
0.3289

24.9879, 0.3655,
0.2513

71.0012, 0.3066,
0.3430

21.1894, 0.3810,
0.2383

83.0543, 0.3014,
0.3561

18.3204, 0.3980,
0.2283

89.9395, 0.2971,
0.3580

■ 16.2963, 0.4157,
0.2226

■ 90.3904, 0.2928,
0.3494

■ 15.0174, 0.4335,
0.2219

■ 90.8620, 0.2886,
0.3409

■ 14.2998, 0.4509,
0.2257

■ 91.3543, 0.2844,
0.3325

■ 91.5721, 0.2827,
0.3289

Harmonies

Analogous

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



42.6626, 0.2991, 0.2841



42.6626, 0.3290, 0.2982



42.6626, 0.3554, 0.3198

Triad

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



42.6626, 0.3290, 0.2982



42.6626, 0.3513, 0.3799



42.6626, 0.2586, 0.3092

Complementary

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



42.6626, 0.3290, 0.2982



54.2102, 0.2993, 0.3620

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.



42.6626, 0.2712, 0.3366



42.6626, 0.3290, 0.2982



42.6626, 0.3242, 0.3792

Square

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



42.6626, 0.3290, 0.2982



42.6626, 0.3684, 0.3665



42.6626, 0.2950, 0.3630



42.6626, 0.2596, 0.2892

Rectangle

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



42.6626, 0.3290, 0.2982



42.6626, 0.3669, 0.3361



42.6626, 0.2950, 0.3630



42.6626, 0.2613, 0.3179

Sweetspot

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



42.6645, 0.3290, 0.2982



90.2456, 0.3171, 0.3200



40.1087, 0.2928, 0.2762



19.0990, 0.3176, 0.3190



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.



42.6645, 0.3290, 0.2982



65.5328, 0.3332, 0.2914



41.8528, 0.3477, 0.3231



11.3268, 0.3196, 0.3149



9.0228, 0.4485, 0.2245



0.4801, 0.4172, 0.2072

Inverse Universe

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



42.6645, 0.3290, 0.2982



65.5328, 0.3332, 0.2914



55.0888, 0.2860, 0.3351



11.3268, 0.3196, 0.3149



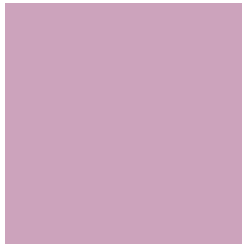
9.0228, 0.4485, 0.2245



0.4801, 0.4172, 0.2072

Previews

White Background



This preview shows how the Yxy color 42.6626, 0.3290, 0.2982 looks on a white background.

Color Contrast Check

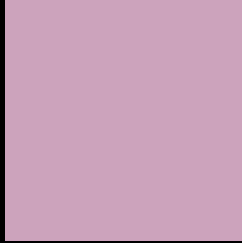
Large Text (above 18pt) WCAG AA × Fail

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 42.6626, 0.3290, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

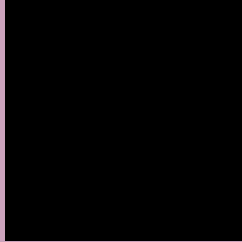
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6626, 0.3290, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 42.6626, 0.3290, 0.2982.



This preview shows how white text looks on a background with the Yxy color 42.6626, 0.3290, 0.2982.

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

42.6626, 0.3290, 0.2982

Protanopia

42.9829, 0.2943, 0.3012

Deuteranopia

42.7764, 0.3129, 0.3070



Tritanopia

42.8211, 0.3369, 0.3128

Trichromacy



Original Color

42.6626, 0.3290, 0.2982

Protanomaly

42.7456, 0.3070, 0.3006

Deuteranomaly

42.5627, 0.3194, 0.3036

Tritanomaly

42.6248, 0.3334, 0.3066

Monochromacy



Original Color

42.6626, 0.3290, 0.2982

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8293, 0.3177, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6626, 0.3290, 0.2982 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(204, 163, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 188)  
}
```

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(204, 163, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 188) }
```

Border

The CSS property to change the border of an element to Yxy 42.6626, 0.3290, 0.2982 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(204, 163, 188) }
```

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

```
.border{ border-color:rgb(204, 163, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6626, 0.3290, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 188) }
```

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

```
.background{ background-color: rgb(204,  
163, 188) }
```

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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