

Converting Colors

$Y_{xy}(42.7843, 0.3281, 0.2972)$

Have a look what the booklet for
Yxy(42.7843, 0.3281, 0.2972)
contains.

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Color

Yxy(42.7059, 0.3281, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3BD
RGB	204, 163, 189
RGB Percent	80%, 64%, 74%
CMY	0.2001, 0.3607, 0.2588
CMYK	0.00, 0.20, 0.07, 0.20
HSL	322°, 29%, 72%
HSV	322°, 20%, 80%
XYZ	47.1778, 42.7059, 53.9072
YIQ	178.2230, 16.0900, 16.7780

Conversions

Conversions Part 2

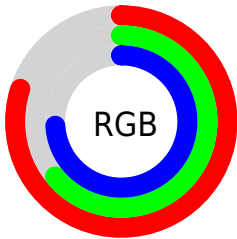
Format	Color
RYB	204, 163, 189
Decimal	13411261
CIELab	71.35, 19.36, -7.61
CIELCh	71, 20.797, 338.544
Yxy	42.7059, 0.3281, 0.2970
Android (android.graphics.Color)	4291601341 (0xFFCCA3BD)
YUV	178.2230, 5.3131, 22.6064
Hunter-Lab	65.3498, 14.5020, -3.1637

Details

The Yxy color **42.7059, 0.3281, 0.2970** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.1701, 0.3000, 0.3633**, and the grayscale version is **44.6099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9954, 0.3211, 0.3025**, and **19.5360, 0.3315, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **35.7233, 0.3379, 0.2803**, and if you desaturate by 10%, it is **50.8771, 0.3198, 0.3133**.

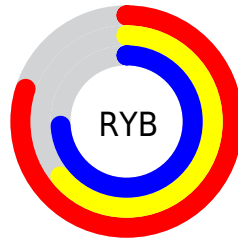
Distribution



Red (80%)

Green (64%)

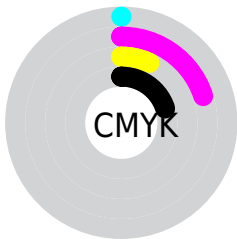
Blue (74%)



Red (80%)

Yellow (64%)

Blue (74%)

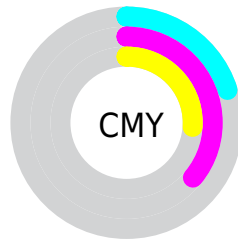


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7059, 0.3281, 0.2970 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 42.7059, 0.3281, 0.2970 by changing the saturation by 10% instead.

 42.7059, 0.3281,
0.2970

 42.7059, 0.3281,
0.2970


357.4009, 0.3205,
0.3128

 29.6544, 0.3300,
0.2931


 79.2669, 0.3254,
0.3027

 19.5764, 0.3324,
0.2881


 103.5451, 0.3243,
0.3049

 12.0875, 0.3355,
0.2816


132.3345, 0.3234,
0.3067

 6.8033, 0.3399,
0.2725

166.0193, 0.3227,
0.3083

 3.3394, 0.3463,
0.2592

204.9839, 0.3220,
0.3096

 1.3114, 0.3566,
0.2378

249.6128, 0.3215,

 0.1500, 0.4212,

0.3108

0.1027

300.2903, 0.3209,
0.3119

0.0000, 0.0000,
0.0000

42.7059, 0.3281,
0.2970

42.7059, 0.3281,
0.2970

35.7233, 0.3379,
0.2803

50.8771, 0.3198,
0.3133

29.8673, 0.3493,
0.2639

60.2834, 0.3128,
0.3289

25.0793, 0.3622,
0.2484

70.9761, 0.3069,
0.3435

21.2925, 0.3767,
0.2349

83.0017, 0.3020,
0.3572

18.4332, 0.3923,
0.2245

89.8571, 0.2979,
0.3597

■ 16.4170, 0.4086,
0.2183

■ 90.2755, 0.2938,
0.3515

■ 15.1439, 0.4250,
0.2170

■ 90.7119, 0.2899,
0.3435

■ 14.4302, 0.4409,
0.2202

■ 91.1665, 0.2860,
0.3356

■ 91.5723, 0.2827,
0.3289

Harmonies

Analogous

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



42.7059, 0.2978, 0.2830



42.7059, 0.3281, 0.2970



42.7059, 0.3553, 0.3187

Triad

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



42.7059, 0.3281, 0.2970



42.7059, 0.3528, 0.3805



42.7059, 0.2580, 0.3099

Complementary

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



42.7059, 0.3281, 0.2970



54.1701, 0.3000, 0.3633

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.



42.7059, 0.2713, 0.3378



42.7059, 0.3281, 0.2970



42.7059, 0.3255, 0.3805

Square

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



42.7059, 0.3281, 0.2970



42.7059, 0.3697, 0.3663



42.7059, 0.2957, 0.3645



42.7059, 0.2585, 0.2891

Rectangle

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



42.7059, 0.3281, 0.2970



42.7059, 0.3673, 0.3352



42.7059, 0.2957, 0.3645



42.7059, 0.2609, 0.3187

Sweetspot

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



42.7078, 0.3281, 0.2970



90.2691, 0.3168, 0.3196



39.9469, 0.2916, 0.2760



19.1046, 0.3173, 0.3186



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.



42.7078, 0.3281, 0.2970



65.6180, 0.3321, 0.2900



41.9037, 0.3464, 0.3214



11.3315, 0.3193, 0.3144



9.1046, 0.4387, 0.2191



0.4840, 0.4099, 0.2032

Inverse Universe

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



42.7078, 0.3281, 0.2970



65.6180, 0.3321, 0.2900



55.0260, 0.2869, 0.3368



11.3315, 0.3193, 0.3144



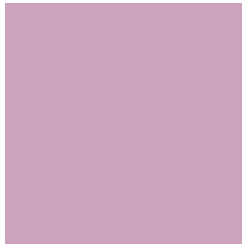
9.1046, 0.4387, 0.2191



0.4840, 0.4099, 0.2032

Previews

White Background



This preview shows how the Yxy color 42.7059, 0.3281, 0.2970 looks on a white background.

Color Contrast Check

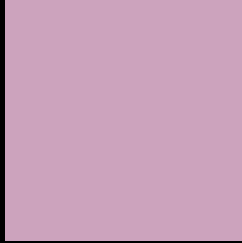
Large Text (above 18pt) WCAG AA × Fail

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 42.7059, 0.3281, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

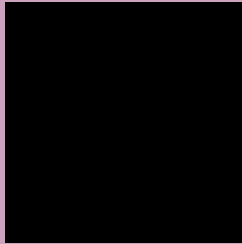
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7059, 0.3281, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 42.7059, 0.3281, 0.2970.



This preview shows how white text looks on a background with the Yxy color 42.7059, 0.3281, 0.2970.

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

42.7059, 0.3281, 0.2970

Protanopia

43.0283, 0.2936, 0.2999

Deuteranopia

42.8194, 0.3120, 0.3057



Tritanopia

42.6812, 0.3360, 0.3127

Trichromacy



Original Color

42.7059, 0.3281, 0.2970

Protanomaly

42.7901, 0.3061, 0.2993

Deuteranomaly

42.6057, 0.3185, 0.3023

Tritanomaly

42.6248, 0.3334, 0.3066

Monochromacy



Original Color

42.7059, 0.3281, 0.2970

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 42.7059, 0.3281, 0.2970 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 189) }
```

Border

The CSS property to change the border of an element to Yxy 42.7059, 0.3281, 0.2970 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, 189) }
```

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

```
.border{ border-color:rgb(204, 163, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7059, 0.3281, 0.2970 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, 189) }
```

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

```
.background{ background-color: rgb(204,  
163, 189) }
```

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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