

Converting Colors

$Y_{xy}(42.8441, 0.3274, 0.2964)$

Have a look what the booklet for
Yxy(42.8441, 0.3274, 0.2964)
contains.

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Color

Yxy(42.7495, 0.3273, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3BE
RGB	204, 163, 190
RGB Percent	80%, 64%, 75%
CMY	0.1998, 0.3608, 0.2549
CMYK	0.00, 0.20, 0.07, 0.20
HSL	321°, 29%, 72%
HSV	321°, 20%, 80%
XYZ	47.3019, 42.7495, 54.4702
YIQ	178.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

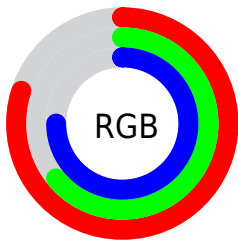
Format	Color
RYB	204, 163, 190
Decimal	13411262
CIELab	71.38, 19.57, -8.10
CIELCh	71, 21.186, 337.508
Yxy	42.7495, 0.3273, 0.2958
Android (android.graphics.Color)	4291601342 (0xFFCCA3BE)
YUV	178.3370, 5.7499, 22.5065
Hunter-Lab	65.3831, 14.7168, -3.6259

Details

The Yxy color **42.7495, 0.3273, 0.2958** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.1687, 0.3006, 0.3647**, and the grayscale version is **44.6739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0566, 0.3204, 0.3015**, and **19.5646, 0.3303, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **35.7833, 0.3365, 0.2786**, and if you desaturate by 10%, it is **50.9031, 0.3194, 0.3127**.

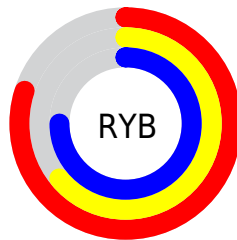
Distribution



Red (80%)

Green (64%)

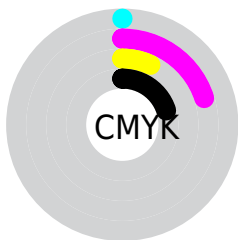
Blue (75%)



Red (80%)

Yellow (64%)

Blue (75%)

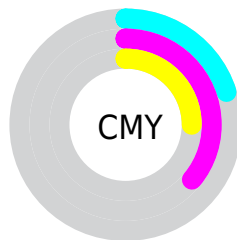


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (20%)



Cyan (20%)


Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7495, 0.3273, 0.2958 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 42.7495, 0.3273, 0.2958 by changing the saturation by 10% instead.

 42.7495, 0.3273,
0.2958

 42.7495, 0.3273,
0.2958


357.5806, 0.3201,
0.3122

 29.6886, 0.3291,
0.2918


 79.3327, 0.3247,
0.3017

 19.6024, 0.3313,
0.2866


 103.6238, 0.3237,
0.3039

 12.1063, 0.3343,
0.2798


132.4271, 0.3229,
0.3058

 6.8161, 0.3383,
0.2705

166.1271, 0.3222,
0.3075

 3.3474, 0.3443,
0.2568

205.1080, 0.3216,
0.3089

 1.3157, 0.3538,
0.2349

249.7543, 0.3210,

 0.1533, 0.4128,

0.3101

0.1015

300.4503, 0.3205,
0.3112

0.0000, 0.0000,
0.0000

42.7495, 0.3273,
0.2958

42.7495, 0.3273,
0.2958

35.7833, 0.3365,
0.2786

50.9031, 0.3194,
0.3127

29.9426, 0.3472,
0.2616

60.2909, 0.3128,
0.3288

25.1686, 0.3593,
0.2457

70.9639, 0.3072,
0.3440

21.3947, 0.3727,
0.2317

82.9687, 0.3026,
0.3581

18.5469, 0.3871,
0.2209

89.7951, 0.2986,
0.3612

■ 16.5407, 0.4021,
0.2143

■ 90.1839, 0.2949,
0.3535

■ 15.2762, 0.4172,
0.2125

■ 90.5884, 0.2911,
0.3459

■ 14.5712, 0.4317,
0.2152

■ 91.0089, 0.2875,
0.3385

■ 91.4455, 0.2838,
0.3312

Harmonies

Analogous

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



42.7495, 0.2965, 0.2819



42.7495, 0.3273, 0.2958



42.7495, 0.3553, 0.3176

Triad

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



42.7495, 0.3273, 0.2958



42.7495, 0.3543, 0.3812



42.7495, 0.2572, 0.3104

Complementary

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



42.7495, 0.3273, 0.2958



54.1687, 0.3006, 0.3647

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.



42.7495, 0.2712, 0.3390



42.7495, 0.3273, 0.2958



42.7495, 0.3268, 0.3817

Square

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



42.7495, 0.3273, 0.2958



42.7495, 0.3711, 0.3663



42.7495, 0.2964, 0.3660



42.7495, 0.2573, 0.2889

Rectangle

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



42.7495, 0.3273, 0.2958



42.7495, 0.3679, 0.3344



42.7495, 0.2964, 0.3660



42.7495, 0.2604, 0.3195

Sweetspot

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



42.7514, 0.3273, 0.2958



90.2910, 0.3166, 0.3193



39.8607, 0.2909, 0.2758



19.1098, 0.3171, 0.3182



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.



42.7514, 0.3273, 0.2958



65.6984, 0.3310, 0.2886



41.9298, 0.3459, 0.3205



11.3360, 0.3189, 0.3139



9.1847, 0.4298, 0.2141



0.4877, 0.4033, 0.1995

Inverse Universe

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



42.7514, 0.3273, 0.2958



65.6984, 0.3310, 0.2886



55.0333, 0.2873, 0.3378



11.3360, 0.3189, 0.3139



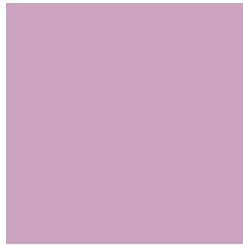
9.1847, 0.4298, 0.2141



0.4877, 0.4033, 0.1995

Previews

White Background



This preview shows how the Yxy color 42.7495, 0.3273, 0.2958 looks on a white background.

Color Contrast Check

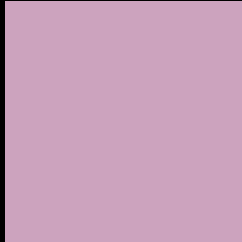
Large Text (above 18pt) WCAG AA × Fail

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 42.7495, 0.3273, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

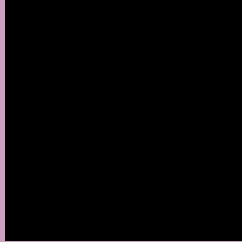
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7495, 0.3273, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 42.7495, 0.3273, 0.2958.



This preview shows how white text looks on a background with the Yxy color 42.7495, 0.3273, 0.2958.

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

42.7495, 0.3273, 0.2958

Protanopia

43.0740, 0.2928, 0.2987

Deuteranopia

42.8627, 0.3112, 0.3045



Tritanopia

42.6812, 0.3360, 0.3127

Trichromacy



Original Color

42.7495, 0.3273, 0.2958

Protanomaly

42.8348, 0.3053, 0.2981

Deuteranomaly

42.6490, 0.3177, 0.3011

Tritanomaly

42.6248, 0.3334, 0.3066

Monochromacy



Original Color

42.7495, 0.3273, 0.2958

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 42.7495, 0.3273, 0.2958 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 190) }
```

Border

The CSS property to change the border of an element to Yxy 42.7495, 0.3273, 0.2958 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, 190) }
```

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

```
.border{ border-color:rgb(204, 163, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 163, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 163, 190); box-shadow:4px 4px 4px 4px rgb(204, 163, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7495, 0.3273, 0.2958 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, 190) }
```

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

```
.background{ background-color: rgb(204,  
163, 190) }
```

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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