

Converting Colors

$Y_{xy}(47.1370, 0.2990, 0.2719)$

Have a look what the booklet for
Yxy(47.1370, 0.2990, 0.2719)
contains.

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Color

Yxy(47.0899, 0.2993, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	C9ACDC
RGB	201, 172, 220
RGB Percent	79%, 67%, 86%
CMY	0.2118, 0.3255, 0.1372
CMYK	0.09, 0.22, 0.00, 0.14
HSL	276°, 41%, 77%
HSV	276°, 22%, 86%
XYZ	51.7591, 47.0899, 74.0849
YIQ	186.1430, 1.8760, 21.0760

Conversions

Conversions Part 2

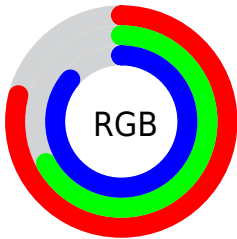
Format	Color
R_{YB}	201, 172, 220
Decimal	13216988
CIE _{Lab}	74.25, 19.31, -20.31
CIE _{LCh}	74, 28.024, 313.554
Yxy	47.0899, 0.2993, 0.2723
Android (android.graphics.Color)	4291407068 (0xFFC9ACDC)
YUV	186.1430, 16.6915, 13.0296
Hunter-Lab	68.6221, 14.5474, -15.9744

Details

The Yxy color $47.0899, 0.2993, 0.2723$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65.2559, 0.3236, 0.3872$, and the grayscale version is $49.0923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9668, 0.3139, 0.3029$, and $22.3526, 0.2954, 0.2585$ is the 20% darker color. If you saturate the color by 10%, you get $38.2246, 0.2915, 0.2442$, and if you desaturate by 10%, it is $57.4142, 0.3060, 0.2993$.

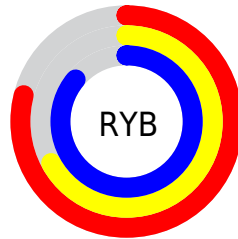
Distribution



Red (79%)

Green (67%)

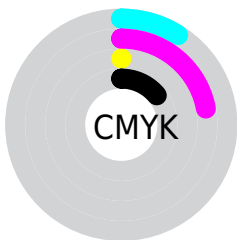
Blue (86%)



Red (79%)

Yellow (67%)

Blue (86%)

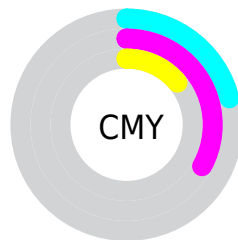


Cyan (9%)

Magenta (22%)

Yellow (0%)

Black (14%)



Cyan (21%)


Magenta (33%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0899, 0.2993, 0.2723 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 47.0899, 0.2993, 0.2723 by changing the saturation by 10% instead.


 47.0899, 0.2993,
0.2723

 47.0899, 0.2993,
0.2723


375.1733, 0.3064,
0.2994

 33.1067, 0.2975,
0.2659


 85.8478, 0.3019,
0.2819

 22.2082, 0.2951,
0.2579


111.3913, 0.3029,
0.2856

 14.0100, 0.2918,
0.2476


141.5571, 0.3037,
0.2887

 8.1276, 0.2872,
0.2339

176.7295, 0.3044,
0.2914

 4.1767, 0.2801,
0.2148

217.2929, 0.3050,
0.2938

 1.7729, 0.2684,
0.1866

263.6317, 0.3055,

 0.4702, 0.2500,

0.2959

0.1277

316.1304, 0.3060,
0.2978

0.0000, 0.0000,
0.0000

47.0899, 0.2993,
0.2723

47.0899, 0.2993,
0.2723

38.2246, 0.2915,
0.2442

57.4142, 0.3060,
0.2993

30.7430, 0.2827,
0.2156

69.2561, 0.3118,
0.3246

24.5719, 0.2729,
0.1878

82.6783, 0.3166,
0.3479

19.6291, 0.2625,
0.1618

94.4982, 0.3210,
0.3644

15.8223, 0.2517,
0.1391

96.0259, 0.3266,
0.3638

■ 13.0461, 0.2411,
0.1209

■ 97.6274, 0.3322,
0.3632

■ 11.1739, 0.2308,
0.1077

■ 97.9484, 0.3333,
0.3631

■ 10.1425, 0.2230,
0.1002

Harmonies

Analogous

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



47.0899, 0.2654, 0.2655



47.0899, 0.2993, 0.2723



47.0899, 0.3391, 0.2919

Triad

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



47.0899, 0.2993, 0.2723



47.0899, 0.3845, 0.3808



47.0899, 0.2551, 0.3337

Complementary

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



47.0899, 0.2993, 0.2723



65.2559, 0.3236, 0.3872

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.



47.0899, 0.2843, 0.3707



47.0899, 0.2993, 0.2723



47.0899, 0.3592, 0.3977

Square

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



47.0899, 0.2993, 0.2723



47.0899, 0.3900, 0.3522



47.0899, 0.3223, 0.3950



47.0899, 0.2411, 0.2980

Rectangle

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



47.0899, 0.2993, 0.2723



47.0899, 0.3632, 0.3102



47.0899, 0.3223, 0.3950



47.0899, 0.2633, 0.3466

Sweetspot

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



47.0919, 0.2993, 0.2723



87.8185, 0.3089, 0.3116



51.2930, 0.2778, 0.2932



18.5828, 0.3085, 0.3100



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.



47.0919, 0.2993, 0.2723



60.1001, 0.2960, 0.2600



49.6429, 0.3191, 0.2801



13.0041, 0.3075, 0.3055



6.0176, 0.2244, 0.1010



0.4393, 0.2400, 0.1096

Inverse Universe

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



48.4882, 0.3397, 0.3069



62.4309, 0.3467, 0.3022



63.1348, 0.3068, 0.3834



13.1366, 0.3230, 0.3198



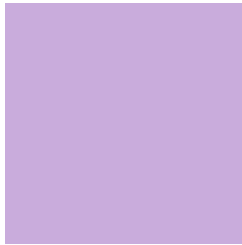
9.3559, 0.5382, 0.2739



0.6228, 0.4949, 0.2500

Previews

White Background



This preview shows how the Yxy color 47.0899, 0.2993, 0.2723 looks on a white background.

Color Contrast Check

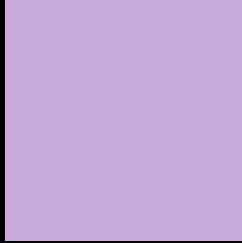
Large Text (above 18pt) WCAG AA × Fail

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 47.0899, 0.2993, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

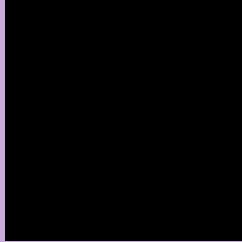
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0899, 0.2993, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 47.0899, 0.2993, 0.2723.



This preview shows how white text looks on a background with the Yxy color 47.0899, 0.2993, 0.2723.

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

47.0899, 0.2993, 0.2723

Protanopia

47.3094, 0.2729, 0.2732

Deuteranopia

47.4220, 0.2858, 0.2798



Tritanopia

46.9416, 0.3179, 0.3116

Trichromacy



Original Color

47.0899, 0.2993, 0.2723

Protanomaly

47.2899, 0.2822, 0.2729

Deuteranomaly

47.1123, 0.2912, 0.2769

Tritanomaly

46.9300, 0.3108, 0.2960

Monochromacy



Original Color

47.0899, 0.2993, 0.2723

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2013, 0.3078, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0899, 0.2993, 0.2723 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(201, 172, 220)` looks like.

```
.text, #text, p{  
    color:rgb(201, 172, 220)  
}
```

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(201, 172, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 172, 220) }
```

Border

The CSS property to change the border of an element to Yxy 47.0899, 0.2993, 0.2723 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(201, 172, 220) }
```

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

```
.border{ border-color:rgb(201, 172, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 172, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 172, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 172, 220);  
box-shadow:4px 4px 4px 4px rgb(201, 172,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0899, 0.2993, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 172, 220) }
```

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

```
.background{ background-color: rgb(201,  
172, 220) }
```

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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