

Converting Colors

$Y_{xy}(41.2291, 0.2912, 0.2488)$

Have a look what the booklet for
Yxy(41.2291, 0.2912, 0.2488)
contains.

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Color

Yxy(41.2315, 0.2918, 0.2492)

Conversions

Conversions Part 1

Format	Color
Hex	C49DE0
RGB	196, 157, 224
RGB Percent	77%, 62%, 88%
CMY	0.2313, 0.3843, 0.1215
CMYK	0.12, 0.30, 0.00, 0.12
HSL	275°, 52%, 75%
HSV	275°, 30%, 88%
XYZ	48.2799, 41.2315, 75.9441
YIQ	176.2990, 1.7370, 29.1050

Conversions

Conversions Part 2

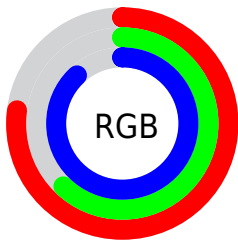
Format	Color
R _{YB}	196, 157, 224
Decimal	12885472
CIE _{Lab}	70.34, 26.80, -28.51
CIE _{LCh}	70, 39.128, 313.229
Yxy	41.2315, 0.2918, 0.2492
Android (android.graphics.Color)	4291075552 (0xFFC49DE0)
YUV	176.2990, 23.5166, 17.2778
Hunter-Lab	64.2118, 21.8410, -25.1748

Details

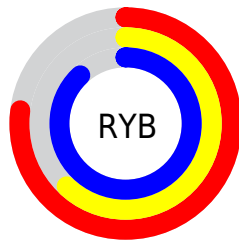
The Yxy color **41.2315, 0.2918, 0.2492** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.0672, 0.3283, 0.4112**, and the grayscale version is **43.4560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1896, 0.3133, 0.2869**, and **18.6304, 0.2838, 0.2279** is the 20% darker color. If you saturate the color by 10%, you get **33.1191, 0.2826, 0.2204**, and if you desaturate by 10%, it is **50.8152, 0.2999, 0.2774**.

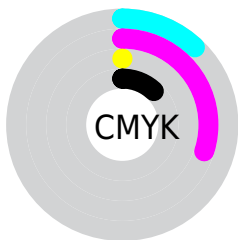
Distribution



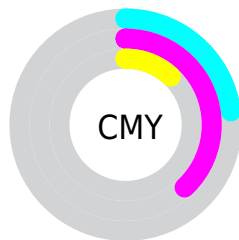
- Red (77%)
- Green (62%)
- Blue (88%)



- Red (77%)
- Yellow (62%)
- Blue (88%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (12%)





- Cyan (23%)
- Magenta (38%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2315, 0.2918, 0.2492 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 41.2315, 0.2918, 0.2492 by changing the saturation by 10% instead.


 41.2315, 0.2918,
0.2492


 41.2315, 0.2918,
0.2492


351.2872, 0.3031,
0.2874

 28.5000, 0.2888,
0.2402


 77.0352, 0.2961,
0.2627

 18.7029, 0.2848,
0.2290


 100.8762, 0.2976,
0.2679

 11.4558, 0.2794,
0.2147


129.1892, 0.2989,
0.2723

 6.3743, 0.2715,
0.1958

162.3585, 0.3000,
0.2761

 3.0740, 0.2596,
0.1700

200.7686, 0.3010,
0.2795

 1.1705, 0.2396,
0.1335

244.8038, 0.3018,


 0.0374, 0.2152,


0.2824


0.0117


294.8485, 0.3025,
0.2851


 0.0000, 0.0000,
0.0000


 41.2315, 0.2918,
0.2492


 41.2315, 0.2918,
0.2492


 33.1191, 0.2826,
0.2204


 50.8152, 0.2999,
0.2774


 26.3955, 0.2725,
0.1919

 61.9367, 0.3068,
0.3042


 20.9776, 0.2616,
0.1651

 74.6646, 0.3128,
0.3292

 16.7710, 0.2503,
0.1413

 89.0616, 0.3177,
0.3522

 13.6682, 0.2390,
0.1218

 95.9239, 0.3231,
0.3599

■ 11.5419, 0.2282,
0.1073

■ 97.6302, 0.3291,
0.3593

■ 10.1716, 0.2182,
0.0976

■ 98.1626, 0.3309,
0.3591

■ 10.1612, 0.2181,
0.0975

Harmonies

Analogous

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



41.2315, 0.2443, 0.2394



41.2315, 0.2918, 0.2492



41.2315, 0.3498, 0.2760

Triad

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



41.2315, 0.2918, 0.2492



41.2315, 0.4165, 0.4007



41.2315, 0.2303, 0.3350

Complementary

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



41.2315, 0.2918, 0.2492



66.0672, 0.3283, 0.4112

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.



41.2315, 0.2710, 0.3920



41.2315, 0.2918, 0.2492



41.2315, 0.3788, 0.4288

Square

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



41.2315, 0.2918, 0.2492



41.2315, 0.4257, 0.3589



41.2315, 0.3253, 0.4283



41.2315, 0.2115, 0.2827

Rectangle

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



41.2315, 0.2918, 0.2492



41.2315, 0.3858, 0.3009



41.2315, 0.3253, 0.4283



41.2315, 0.2417, 0.3547

Sweetspot

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



41.2332, 0.2918, 0.2492



84.4478, 0.3074, 0.3064



47.6843, 0.2643, 0.2805



17.5732, 0.3065, 0.3026



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.



41.2332, 0.2918, 0.2492



48.1826, 0.2861, 0.2309



45.1060, 0.3200, 0.2593



13.6354, 0.3071, 0.3054



5.9828, 0.2196, 0.0983



0.4669, 0.2348, 0.1067

Inverse Universe

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



43.4655, 0.3517, 0.2965



51.7688, 0.3632, 0.2893



63.0763, 0.3059, 0.4103



13.7951, 0.3227, 0.3192



9.7122, 0.5297, 0.2691



0.6908, 0.4899, 0.2472

Previews

White Background



This preview shows how the Yxy color 41.2315, 0.2918, 0.2492 looks on a white background.

Color Contrast Check

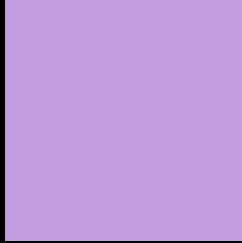
Large Text (above 18pt) WCAG AA × Fail

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 41.2315, 0.2918, 0.2492 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 41.2315, 0.2918, 0.2492

Background



This preview shows how black text looks on a background with the Yxy color 41.2315, 0.2918, 0.2492.



This preview shows how white text looks on a background with the Yxy color 41.2315, 0.2918, 0.2492.

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

41.2315, 0.2918, 0.2492

Protanopia

41.5600, 0.2537, 0.2478

Deuteranopia

41.4364, 0.2675, 0.2610



Tritanopia

41.3459, 0.3228, 0.3121

Trichromacy



Original Color

41.2315, 0.2918, 0.2492

Protanomaly

41.0585, 0.2663, 0.2479

Deuteranomaly

41.3519, 0.2757, 0.2564

Tritanomaly

41.3410, 0.3119, 0.2885

Monochromacy



Original Color

41.2315, 0.2918, 0.2492

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.2935, 0.3053, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2315, 0.2918, 0.2492 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(196, 157, 224)` looks like.

```
.text, #text, p{  
    color:rgb(196, 157, 224)  
}
```

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(196, 157, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 157, 224) }
```

Border

The CSS property to change the border of an element to Yxy 41.2315, 0.2918, 0.2492 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(196, 157, 224) }
```

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

```
.border{ border-color:rgb(196, 157, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 157, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 157, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 157, 224);  
box-shadow:4px 4px 4px 4px rgb(196, 157,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2315, 0.2918, 0.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 157, 224) }
```

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

```
.background{ background-color: rgb(196,  
157, 224) }
```

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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