

Converting Colors

$Y_{xy}(43.7523, 0.2892, 0.2486)$

Have a look what the booklet for
Yxy(43.7523, 0.2892, 0.2486)
contains.

Yxy(43.7523, 0.2892, 0.2486)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7523, 0.2892, 0.2486)

Conversions

Conversions Part 1

Format	Color
Hex	C7A2E7
RGB	199, 162, 231
RGB Percent	78%, 64%, 91%
CMY	0.2195, 0.3647, 0.0942
CMYK	0.14, 0.30, 0.00, 0.09
HSL	272°, 59%, 77%
HSV	272°, 30%, 91%
XYZ	50.8977, 43.7523, 81.3448
YIQ	180.9290, -0.0970, 29.3030

Conversions

Conversions Part 2

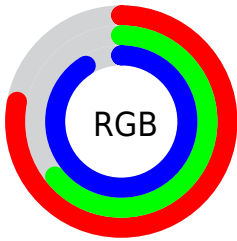
Format	Color
RYB	199, 162, 231
Decimal	13083367
CIELab	72.06, 26.45, -29.64
CIElCh	72, 39.728, 311.739
Yxy	43.7523, 0.2892, 0.2486
Android (android.graphics.Color)	4291273447 (0xFFC7A2E7)
YUV	180.9290, 24.6850, 15.8483
Hunter-Lab	66.1455, 21.5976, -26.6121

Details

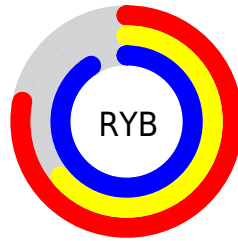
The Yxy color **43.7523, 0.2892, 0.2486** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.2106, 0.3305, 0.4106**, and the grayscale version is **46.0339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **20.1763, 0.2816, 0.2289** is the 20% darker color. If you saturate the color by 10%, you get **34.9374, 0.2789, 0.2192**, and if you desaturate by 10%, it is **54.1683, 0.2983, 0.2772**.

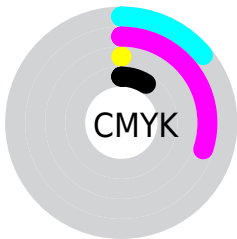
Distribution



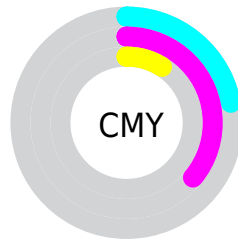
- Red (78%)
- Green (64%)
- Blue (91%)



- Red (78%)
- Yellow (64%)
- Blue (91%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)





- Cyan (22%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7523, 0.2892, 0.2486 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 43.7523, 0.2892, 0.2486 by changing the saturation by 10% instead.

 43.7523, 0.2892,
0.2486


 43.7523, 0.2892,
0.2486

361.6965, 0.3017,
0.2867

 30.4758, 0.2859,
0.2397


 80.8449, 0.2939,
0.2620

 20.2000, 0.2817,
0.2288


 105.4298, 0.2956,
0.2671

 12.5405, 0.2760,
0.2148


134.5529, 0.2970,
0.2715

 7.1129, 0.2679,
0.1965

168.5988, 0.2982,
0.2754

 3.5328, 0.2557,
0.1718

207.9516, 0.2993,
0.2787

 1.4158, 0.2361,
0.1372

252.9960, 0.3002,

 0.2283, 0.2080,

0.2817

0.0550

304.1161, 0.3010,
0.2844

0.0000, 0.0000,
0.0000

43.7523, 0.2892,
0.2486

43.7523, 0.2892,
0.2486

34.9374, 0.2789,
0.2192

54.1683, 0.2983,
0.2772

27.6340, 0.2676,
0.1900

66.2575, 0.3061,
0.3042

21.7520, 0.2555,
0.1624

80.0944, 0.3128,
0.3293

17.1892, 0.2430,
0.1377

95.7471, 0.3184,
0.3523

13.8288, 0.2307,
0.1174

98.0820, 0.3252,
0.3524

■ 11.5327, 0.2191,
0.1023

■ 98.5481, 0.3268,
0.3523

■ 10.0682, 0.2084,
0.0922

■ 10.0503, 0.2083,
0.0921

Harmonies

Analogous

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



43.7523, 0.2428, 0.2398



43.7523, 0.2892, 0.2486



43.7523, 0.3468, 0.2746

Triad

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



43.7523, 0.2892, 0.2486



43.7523, 0.4173, 0.3985



43.7523, 0.2322, 0.3379

Complementary

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



43.7523, 0.2892, 0.2486



71.2106, 0.3305, 0.4106

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.



43.7523, 0.2737, 0.3942



43.7523, 0.2892, 0.2486



43.7523, 0.3809, 0.4275

Square

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



43.7523, 0.2892, 0.2486



43.7523, 0.4247, 0.3566



43.7523, 0.3281, 0.4287



43.7523, 0.2123, 0.2851

Rectangle

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



43.7523, 0.2892, 0.2486



43.7523, 0.3831, 0.2990



43.7523, 0.3281, 0.4287



43.7523, 0.2439, 0.3575

Sweetspot

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



43.7541, 0.2892, 0.2486



84.2602, 0.3067, 0.3064



52.1177, 0.2646, 0.2835



17.5270, 0.3056, 0.3025



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.



43.7541, 0.2892, 0.2486



47.5521, 0.2828, 0.2300



48.4652, 0.3181, 0.2571



14.2661, 0.3064, 0.3053



5.7103, 0.2099, 0.0930



0.4771, 0.2252, 0.1014

Inverse Universe

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



46.7193, 0.3488, 0.2931



51.9687, 0.3593, 0.2851



67.5108, 0.3073, 0.4133



14.4786, 0.3220, 0.3182



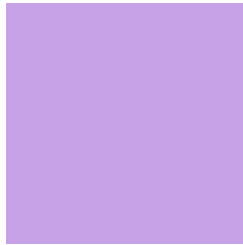
10.1442, 0.5109, 0.2588



0.7682, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 43.7523, 0.2892, 0.2486 looks on a white background.

Color Contrast Check

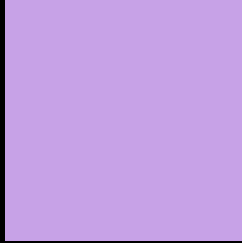
Large Text (above 18pt) WCAG AA × Fail

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 43.7523, 0.2892, 0.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

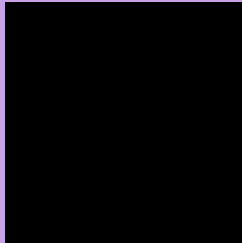
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7523, 0.2892, 0.2486

Background



This preview shows how black text looks on a background with the Yxy color 43.7523, 0.2892, 0.2486.



This preview shows how white text looks on a background with the Yxy color 43.7523, 0.2892, 0.2486.

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

43.7523, 0.2892, 0.2486

Protanopia

44.2203, 0.2537, 0.2485

Deuteranopia

44.0362, 0.2658, 0.2601



Tritanopia

43.6629, 0.3198, 0.3124

Trichromacy



Original Color

43.7523, 0.2892, 0.2486

Protanomaly

43.7481, 0.2653, 0.2475

Deuteranomaly

43.9276, 0.2737, 0.2557

Tritanomaly

43.6916, 0.3084, 0.2880

Monochromacy



Original Color

43.7523, 0.2892, 0.2486

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0870, 0.3047, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7523, 0.2892, 0.2486 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(199, 162, 231)` looks like.

```
.text, #text, p{  
    color:rgb(199, 162, 231)  
}
```

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(199, 162, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 162, 231) }
```

Border

The CSS property to change the border of an element to Yxy 43.7523, 0.2892, 0.2486 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(199, 162, 231) }
```

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

```
.border{ border-color:rgb(199, 162, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 162, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 162, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 162, 231);  
box-shadow:4px 4px 4px 4px rgb(199, 162,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7523, 0.2892, 0.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 162, 231) }
```

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

```
.background{ background-color: rgb(199,  
162, 231) }
```

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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