

# Converting Colors

Yxy(43.9153, 0.2923, 0.2510)

Have a look what the booklet for  
Yxy(43.9153, 0.2923, 0.2510)  
contains.

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# Color

**Yxy(43.9153, 0.2923, 0.2510)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9A2E5
RGB	201, 162, 229
RGB Percent	79%, 64%, 90%
CMY	0.2119, 0.3646, 0.1020
CMYK	0.12, 0.29, 0.00, 0.10
HSL	275°, 56%, 77%
HSV	275°, 29%, 90%
XYZ	51.1412, 43.9153, 79.9049
YIQ	181.2990, 1.7370, 29.1050

# Conversions

## Conversions Part 2

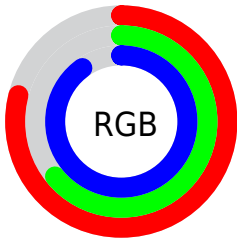
Format	Color
R <sub>Y</sub> B	201, 162, 229
Decimal	13214437
CIE Lab	72.17, 26.62, -28.38
CIE LCh	72, 38.913, 313.173
Yxy	43.9153, 0.2923, 0.2510
Android (android.graphics.Color)	4291404517 (0xFFC9A2E5)
YUV	181.2990, 23.5166, 17.2778
Hunter-Lab	66.2686, 21.7830, -25.1022

# Details

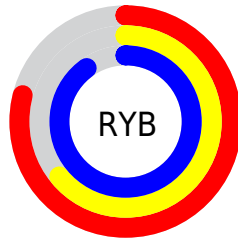
The Yxy color **43.9153, 0.2923, 0.2510** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.5994, 0.3280, 0.4092**, and the grayscale version is **46.2476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **20.2800, 0.2858, 0.2321** is the 20% darker color. If you saturate the color by 10%, you get **35.2824, 0.2832, 0.2222**, and if you desaturate by 10%, it is **54.1037, 0.3003, 0.2792**.

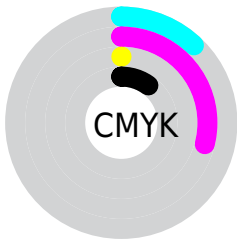
# Distribution



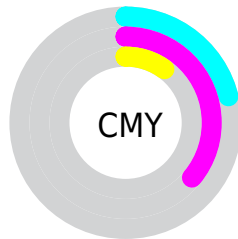
- Red (79%)
- Green (64%)
- Blue (90%)



- Red (79%)
- Yellow (64%)
- Blue (90%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (10%)




- Cyan (21%)
- Magenta (36%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9153, 0.2923, 0.2510 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 43.9153, 0.2923, 0.2510 by changing the saturation by 10% instead.




 43.9153, 0.2923,  
0.2510

 43.9153, 0.2923,  
0.2510


362.3625, 0.3032,  
0.2880

 30.6039, 0.2894,  
0.2424


 81.0903, 0.2964,  
0.2640

 20.2974, 0.2857,  
0.2317


 105.7227, 0.2979,  
0.2690

 12.6114, 0.2805,  
0.2181


134.8975, 0.2991,  
0.2733

 7.1615, 0.2733,  
0.2002

168.9992, 0.3002,  
0.2770

 3.5633, 0.2623,  
0.1760

208.4122, 0.3011,  
0.2803

 1.4324, 0.2443,  
0.1418

253.5208, 0.3019,

 0.2404, 0.2188,

0.2832

0.0599

304.7094, 0.3026,  
0.2857

0.0000, 0.0000,  
0.0000

43.9153, 0.2923,  
0.2510

43.9153, 0.2923,  
0.2510

35.2824, 0.2832,  
0.2222

54.1037, 0.3003,  
0.2792

28.1183, 0.2730,  
0.1936

65.9175, 0.3073,  
0.3059

22.3359, 0.2621,  
0.1666

79.4285, 0.3131,  
0.3308

17.8364, 0.2508,  
0.1425

94.7029, 0.3180,  
0.3537

14.5072, 0.2395,  
0.1227

97.2961, 0.3240,  
0.3545

■ 12.2154, 0.2286,  
0.1079

■ 98.4368, 0.3280,  
0.3542

■ 10.7509, 0.2186,  
0.0980

■ 10.6543, 0.2179,  
0.0974

# Harmonies

## Analogous

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



43.9153, 0.2460, 0.2415



43.9153, 0.2923, 0.2510



43.9153, 0.3488, 0.2772

# Triad

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



43.9153, 0.2923, 0.2510



43.9153, 0.4140, 0.3990



43.9153, 0.2324, 0.3351

# Complementary

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



43.9153, 0.2923, 0.2510



69.5994, 0.3280, 0.4092

# 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.



43.9153, 0.2723, 0.3904



43.9153, 0.2923, 0.2510



43.9153, 0.3774, 0.4262

# Square

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



43.9153, 0.2923, 0.2510



43.9153, 0.4227, 0.3583



43.9153, 0.3252, 0.4255



43.9153, 0.2139, 0.2841



# Rectangle

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



43.9153, 0.2923, 0.2510



43.9153, 0.3838, 0.3016



43.9153, 0.3252, 0.4255



43.9153, 0.2436, 0.3542

# Sweetspot

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



43.9171, 0.2923, 0.2510



84.4446, 0.3074, 0.3064



50.6211, 0.2654, 0.2817



17.5724, 0.3064, 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.



43.9171, 0.2923, 0.2510



49.2514, 0.2870, 0.2338



47.9162, 0.3198, 0.2608



14.2989, 0.3071, 0.3054



6.1642, 0.2193, 0.0982



0.5098, 0.2337, 0.1061



# Inverse Universe

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



46.2258, 0.3506, 0.2972



52.7587, 0.3612, 0.2904



66.4902, 0.3061, 0.4083



14.4676, 0.3227, 0.3192



10.0284, 0.5296, 0.2691

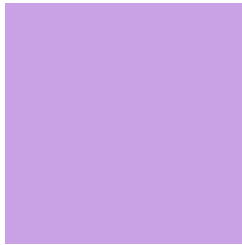


0.7593, 0.4919, 0.2484



# Previews

## White Background



This preview shows how the Yxy color 43.9153, 0.2923, 0.2510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

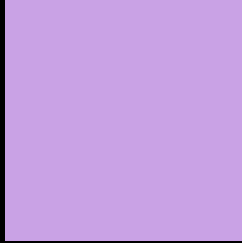
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.9153, 0.2923, 0.2510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

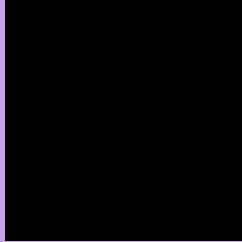
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.9153, 0.2923, 0.2510**

## **Background**



This preview shows how black text looks on a background with the Yxy color 43.9153, 0.2923, 0.2510.



This preview shows how white text looks on a background with the Yxy color 43.9153, 0.2923, 0.2510.

# 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

43.9153, 0.2923, 0.2510

### Protanopia

44.2629, 0.2550, 0.2497

### Deuteranopia

44.1430, 0.2686, 0.2626



## Tritanopia

44.0558, 0.3225, 0.3125

# Trichromacy



## Original Color

43.9153, 0.2923, 0.2510

## Protanomaly

43.7463, 0.2674, 0.2498

## Deuteranomaly

44.0542, 0.2766, 0.2581

## Tritanomaly

44.0457, 0.3119, 0.2895

# Monochromacy



## Original Color

43.9153, 0.2923, 0.2510

## Achromatopsia

46.2077, 0.3127, 0.3290

## Achromatomaly

45.0407, 0.3055, 0.2987

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.9153, 0.2923, 0.2510 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, 162, 229)` looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 229)  
}
```

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, 162, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 229) }
```

## Border

The CSS property to change the border of an element to Yxy 43.9153, 0.2923, 0.2510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

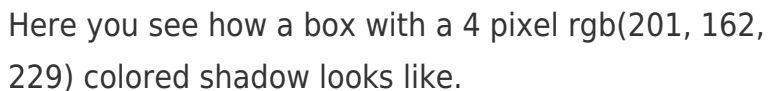
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 162, 229) }
```

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

```
.border{ border-color:rgb(201, 162, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 162, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 162, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 162, 229); box-shadow:4px 4px 4px 4px rgb(201, 162, 229) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.9153, 0.2923, 0.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 229) }
```

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

```
.background{ background-color: rgb(201,  
162, 229) }
```

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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