

Converting Colors

$Y_{xy}(41.9723, 0.2911, 0.2515)$

Have a look what the booklet for
Yxy(41.9723, 0.2911, 0.2515)
contains.

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Color

Yxy(41.7802, 0.2910, 0.2514)

Conversions

Conversions Part 1

Format	Color
Hex	C39FE0
RGB	195, 159, 224
RGB Percent	76%, 62%, 88%
CMY	0.2353, 0.3765, 0.1215
CMYK	0.13, 0.29, 0.00, 0.12
HSL	273°, 51%, 75%
HSV	273°, 29%, 88%
XYZ	48.3613, 41.7802, 76.0486
YIQ	177.1740, 0.5910, 27.8470

Conversions

Conversions Part 2

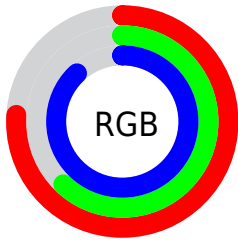
Format	Color
RYB	195, 159, 224
Decimal	12820448
CIELab	70.72, 25.38, -27.93
CIElCh	71, 37.741, 312.257
Yxy	41.7802, 0.2910, 0.2514
Android (android.graphics.Color)	4291010528 (0xFFC39FE0)
YUV	177.1740, 23.0852, 15.6334
Hunter-Lab	64.6376, 20.4364, -24.5106

Details

The Yxy color **41.7802, 0.2910, 0.2514** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.5167, 0.3292, 0.4081**, and the grayscale version is **43.9402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0086, 0.3125, 0.2888**, and **19.0427, 0.2839, 0.2310** is the 20% darker color. If you saturate the color by 10%, you get **33.4757, 0.2813, 0.2223**, and if you desaturate by 10%, it is **51.5734, 0.2996, 0.2797**.

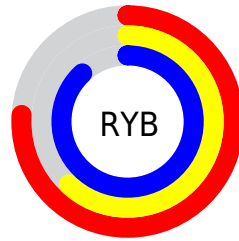
Distribution



Red (76%)

Green (62%)

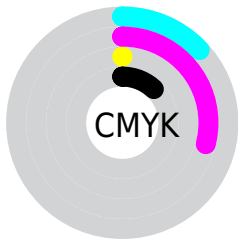
Blue (88%)



Red (76%)

Yellow (62%)

Blue (88%)

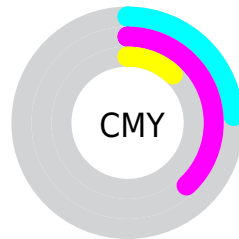


Cyan (13%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (24%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7802, 0.2910, 0.2514 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 41.7802, 0.2910, 0.2514 by changing the saturation by 10% instead.

41.7802, 0.2910,
0.2514

41.7802, 0.2910,
0.2514

353.5710, 0.3026,
0.2886

28.9292, 0.2879,
0.2427

77.8669, 0.2954,
0.2645

19.0273, 0.2839,
0.2317

101.8713, 0.2970,
0.2696

11.6900, 0.2784,
0.2178

130.3624, 0.2983,
0.2739

6.5330, 0.2705,
0.1993

163.7245, 0.2994,
0.2776

3.1718, 0.2585,
0.1741

202.3420, 0.3004,
0.2809

1.2221, 0.2386,
0.1381

246.5994, 0.3012,

0.0796, 0.2130,

0.2837

0.0244

296.8809, 0.3020,
0.2863

0.0000, 0.0000,
0.0000

41.7802, 0.2910,
0.2514

41.7802, 0.2910,
0.2514

33.4757, 0.2813,
0.2223

51.5734, 0.2996,
0.2797

26.5776, 0.2705,
0.1933

62.9217, 0.3070,
0.3065

21.0031, 0.2589,
0.1658

75.8934, 0.3133,
0.3313

16.6586, 0.2469,
0.1412

90.5514, 0.3186,
0.3541

13.4377, 0.2349,
0.1207

96.3124, 0.3245,
0.3597

■ 11.2145, 0.2235,
0.1053

■ 98.1589, 0.3309,
0.3591

■ 9.7933, 0.2130,
0.0951

■ 98.1628, 0.3309,
0.3591

■ 9.6728, 0.2121,
0.0942

Harmonies

Analogous

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



41.7802, 0.2457, 0.2426



41.7802, 0.2910, 0.2514



41.7802, 0.3466, 0.2769

Triad

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



41.7802, 0.2910, 0.2514



41.7802, 0.4134, 0.3971



41.7802, 0.2344, 0.3368

Complementary

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



41.7802, 0.2910, 0.2514



66.5167, 0.3292, 0.4081

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.



41.7802, 0.2743, 0.3909



41.7802, 0.2910, 0.2514



41.7802, 0.3780, 0.4244

Square

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



41.7802, 0.2910, 0.2514



41.7802, 0.4209, 0.3568



41.7802, 0.3268, 0.4246



41.7802, 0.2154, 0.2861

Rectangle

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



41.7802, 0.2910, 0.2514



41.7802, 0.3814, 0.3008



41.7802, 0.3268, 0.4246



41.7802, 0.2456, 0.3556

Sweetspot

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



41.7819, 0.2910, 0.2514



84.3307, 0.3070, 0.3064



48.8303, 0.2660, 0.2836



17.5444, 0.3059, 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.



41.7819, 0.2910, 0.2514



48.8757, 0.2851, 0.2333



45.8542, 0.3188, 0.2603



13.6156, 0.3067, 0.3054



5.6985, 0.2135, 0.0950



0.4479, 0.2294, 0.1037

Inverse Universe

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



44.2774, 0.3484, 0.2954



52.8771, 0.3589, 0.2879



63.3094, 0.3068, 0.4089



13.8017, 0.3222, 0.3186



9.7816, 0.5179, 0.2626



0.6958, 0.4799, 0.2417

Previews

White Background



This preview shows how the Yxy color 41.7802, 0.2910, 0.2514 looks on a white background.

Color Contrast Check

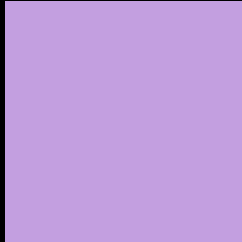
Large Text (above 18pt) WCAG AA × Fail

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 41.7802, 0.2910, 0.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

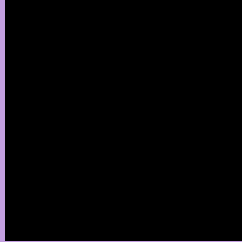
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7802, 0.2910, 0.2514

Background



This preview shows how black text looks on a background with the Yxy color 41.7802, 0.2910, 0.2514.



This preview shows how white text looks on a background with the Yxy color 41.7802, 0.2910, 0.2514.

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

41.7802, 0.2910, 0.2514

Protanopia

42.0769, 0.2558, 0.2505

Deuteranopia

41.9159, 0.2684, 0.2624



Tritanopia

41.6241, 0.3209, 0.3121

Trichromacy



Original Color

41.7802, 0.2910, 0.2514

Protanomaly

41.8967, 0.2673, 0.2506

Deuteranomaly

41.7141, 0.2758, 0.2577

Tritanomaly

41.6128, 0.3101, 0.2885

Monochromacy



Original Color

41.7802, 0.2910, 0.2514

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8348, 0.3053, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7802, 0.2910, 0.2514 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(195, 159, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 159, 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(195, 159, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 159, 224) }
```

Border

The CSS property to change the border of an element to Yxy 41.7802, 0.2910, 0.2514 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(195, 159, 224) }
```

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

```
.border{ border-color:rgb(195, 159, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 159, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 159, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 159, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 159,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7802, 0.2910, 0.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 159, 224) }
```

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

```
.background{ background-color: rgb(195,  
159, 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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