

Converting Colors

$Y_{xy}(19.4625, 0.2931, 0.1473)$

Have a look what the booklet for
Yxy(19.4625, 0.2931, 0.1473)
contains.

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Color

Yxy(19.3595, 0.2930, 0.1472)

Conversions

Conversions Part 1

Format	Color
Hex	C927E2
RGB	201, 39, 226
RGB Percent	79%, 15%, 89%
CMY	0.2118, 0.8469, 0.1139
CMYK	0.11, 0.83, 0.00, 0.11
HSL	292°, 76%, 52%
HSV	292°, 83%, 89%
XYZ	38.5349, 19.3595, 73.6240
YIQ	108.7560, 36.5250, 92.5010

Conversions

Conversions Part 2

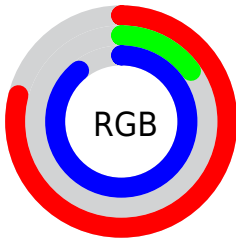
Format	Color
R _{YB}	201, 39, 226
Decimal	13182946
CIE _{Lab}	51.11, 80.82, -59.84
CIE _{LCh}	51, 100.561, 323.480
Yxy	19.3595, 0.2930, 0.1472
Android (android.graphics.Color)	4291373026 (0xFFC927E2)
YUV	108.7560, 57.8013, 80.8980
Hunter-Lab	43.9994, 79.3320, -68.4100

Details

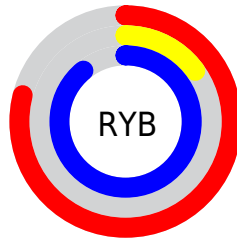
The Yxy color **19.3595, 0.2930, 0.1472** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **55.6047, 0.3079, 0.5770**, and the grayscale version is **15.0535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9954, 0.3191, 0.1928**, and **8.6531, 0.2798, 0.1315** is the 20% darker color. If you saturate the color by 10%, you get **17.8761, 0.2895, 0.1391**, and if you desaturate by 10%, it is **21.7351, 0.2964, 0.1598**.

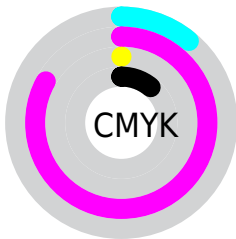
Distribution



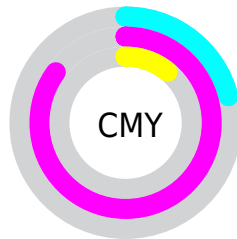
- Red (79%)
- Green (15%)
- Blue (89%)



- Red (79%)
- Yellow (15%)
- Blue (89%)



- Cyan (11%)
- Magenta (83%)
- Yellow (0%)
- Black (11%)





- Cyan (21%)
- Magenta (85%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3595, 0.2930, 0.1472 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 19.3595, 0.2930, 0.1472 by changing the saturation by 10% instead.


 19.3595, 0.2930,
0.1472


 19.3595, 0.2930,
0.1472


248.4263, 0.3089,
0.2318


 11.9303, 0.2873,
0.1290


 42.3407, 0.3001,
0.1759

 6.6963, 0.2792,
0.1075


 58.6615, 0.3024,
0.1873

 3.2729, 0.2671,
0.0824


 78.7150, 0.3042,
0.1973

 1.2758, 0.2485,
0.0540

 102.8855, 0.3056,
0.2059

 0.1224, 0.2222,
0.0097

 131.5575, 0.3067,
0.2135

 0.0000, 0.1711,
0.0000

165.1154, 0.3076,

 0.0000, 0.0000,

0.2203

0.0000

203.9435, 0.3083,
0.2264

■ 19.3595, 0.2930,
0.1472

■ 19.3595, 0.2930,
0.1472

■ 17.8761, 0.2895,
0.1391

■ 21.7351, 0.2964,
0.1598

■ 17.1956, 0.2870,
0.1355

■ 25.1369, 0.2997,
0.1766

■ 29.6789, 0.3027,
0.1972

■ 35.4593, 0.3054,
0.2206

■ 42.5656, 0.3077,
0.2458

■ 51.0776, 0.3097,
0.2717

■ 61.0684, 0.3112,
0.2975

■ 72.6064, 0.3124,
0.3224

■ 85.7554, 0.3133,
0.3461

Harmonies

Analogous

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



19.3595, 0.1608, 0.1146



19.3595, 0.2930, 0.1472



19.3595, 0.4864, 0.2101

Triad

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



19.3595, 0.2930, 0.1472



19.3595, 0.5163, 0.4837



19.3595, 0.0759, 0.2527

Complementary

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



19.3595, 0.2930, 0.1472



55.6047, 0.3079, 0.5770

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.



19.3595, 0.1292, 0.4845



19.3595, 0.2930, 0.1472



19.3595, 0.3780, 0.6220

Square

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



19.3595, 0.2930, 0.1472



19.3595, 0.6195, 0.3707



19.3595, 0.2406, 0.6765



19.3595, 0.0696, 0.1469

Rectangle

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



19.3595, 0.2930, 0.1472



19.3595, 0.5947, 0.2612



19.3595, 0.2406, 0.6765



19.3595, 0.0870, 0.3155

Sweetspot

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



19.3603, 0.2930, 0.1472



64.2720, 0.3092, 0.2653



9.9454, 0.1666, 0.1000



12.8981, 0.3086, 0.2561



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.



19.3603, 0.2930, 0.1472



22.6938, 0.2871, 0.1358



20.1726, 0.4092, 0.2146



13.8380, 0.3117, 0.3058



9.8523, 0.2875, 0.1358



0.7090, 0.2930, 0.1388

Inverse Universe

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



17.9859, 0.5732, 0.3124



21.4443, 0.6238, 0.3216



55.8091, 0.2809, 0.5132



13.7302, 0.3271, 0.3259



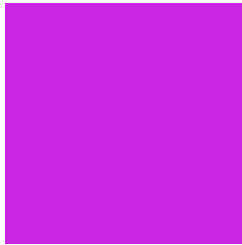
9.2881, 0.6221, 0.3201



0.6536, 0.5868, 0.3006

Previews

White Background



This preview shows how the Yxy color 19.3595, 0.2930, 0.1472 looks on a white background.

Color Contrast Check

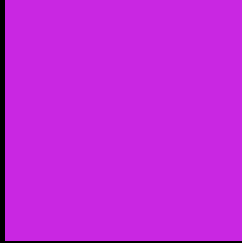
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3595, 0.2930, 0.1472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

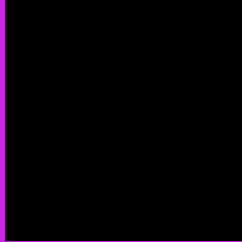
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3595, 0.2930, 0.1472

Background



This preview shows how black text looks on a background with the Yxy color 19.3595, 0.2930, 0.1472.



This preview shows how white text looks on a background with the Yxy color 19.3595, 0.2930, 0.1472.

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

19.3595, 0.2930, 0.1472

Protanopia

19.7964, 0.1739, 0.1460

Deuteranopia

19.8002, 0.1922, 0.1871



Tritanopia

19.2593, 0.4374, 0.3196

Trichromacy



Original Color

19.3595, 0.2930, 0.1472



Protanomaly

14.9121, 0.1819, 0.1222



Deuteranomaly

15.7154, 0.2081, 0.1483



Tritanomaly

18.0492, 0.3816, 0.2365

Monochromacy



Original Color

19.3595, 0.2930, 0.1472



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.3584, 0.3040, 0.2183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3595, 0.2930, 0.1472 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, 39, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 39, 226)  
}
```

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, 39, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 39, 226) }
```

Border

The CSS property to change the border of an element to Yxy 19.3595, 0.2930, 0.1472 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, 39, 226) }
```

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

```
.border{ border-color:rgb(201, 39, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 39, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 39, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 39, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 39,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3595, 0.2930, 0.1472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 39, 226) }
```

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

```
.background{ background-color: rgb(201, 39,  
226) }
```

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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