

Converting Colors

$Yxy(14.1602, 0.2922, 0.1383)$

Have a look what the booklet for
Yxy(14.1602, 0.2922, 0.1383)
contains.

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Color

Yxy(14.1834, 0.2925, 0.1385)

Conversions

Conversions Part 1

Format	Color
Hex	B500CC
RGB	181, 0, 204
RGB Percent	71%, 0%, 80%
CMY	0.2902, 0.9999, 0.2001
CMYK	0.11, 1.00, 0.00, 0.20
HSL	293°, 100%, 40%
HSV	293°, 100%, 80%
XYZ	29.9541, 14.1834, 58.2697
YIQ	77.3750, 42.3920, 101.8160

Conversions

Conversions Part 2

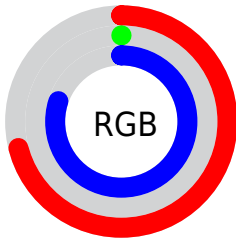
Format	Color
RYB	181, 0, 204
Decimal	11862220
CIELab	44.49, 79.51, -58.08
CIElCh	44, 98.457, 323.853
Yxy	14.1834, 0.2925, 0.1385
Android (android.graphics.Color)	4290052300 (0xFFB500CC)
YUV	77.3750, 62.4261, 90.8791
Hunter-Lab	37.6609, 76.0661, -65.3722

Details

The Yxy color **14.1834, 0.2925, 0.1385** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **43.3560, 0.3026, 0.5979**, and the grayscale version is **7.3739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9002, 0.3065, 0.1744**, and **6.3809, 0.2778, 0.1304** is the 20% darker color. If you saturate the color by 10%, you get **14.1830, 0.2925, 0.1385**, and if you desaturate by 10%, it is **14.9789, 0.2954, 0.1439**.

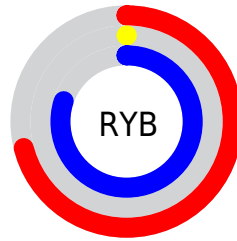
Distribution



Red (71%)

Green (0%)

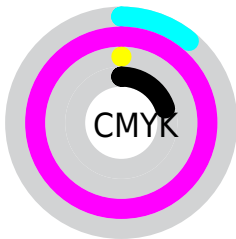
Blue (80%)



Red (71%)

Yellow (0%)

Blue (80%)

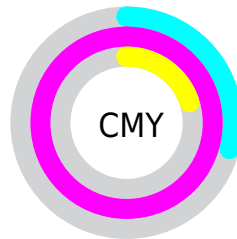


Cyan (11%)

Magenta (100%)

Yellow (0%)

Black (20%)



Cyan (29%)


Magenta (100%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1834, 0.2925, 0.1385 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 14.1834, 0.2925, 0.1385 by changing the saturation by 10% instead.


 14.1834, 0.2925,
0.1385


 14.1834, 0.2925,
0.1385


218.3688, 0.3098,
0.2304


 8.2483, 0.2858,
0.1182

 33.4141, 0.3006,
0.1703


 4.2543, 0.2759,
0.0941


 47.4785, 0.3031,
0.1828


 1.8168, 0.2606,
0.0663


 65.0215, 0.3049,
0.1935

 0.4976, 0.2368,
0.0328

 86.4274, 0.3064,
0.2029

 0.0000, 0.1970,
0.0000

 112.0808, 0.3075,
0.2111

 0.0000, 0.1000,
0.0000

 142.3658, 0.3084,

 0.0000, 0.0000,

0.2183

0.0000

177.6670, 0.3092,
0.2247

■ 14.1834, 0.2925,
0.1385

■ 14.1834, 0.2925,
0.1385

■ 14.1830, 0.2925,
0.1385

■ 14.9789, 0.2954,
0.1439

■ 16.3217, 0.2983,
0.1529

■ 18.3983, 0.3010,
0.1664

■ 21.3083, 0.3036,
0.1839

■ 25.1355, 0.3059,
0.2050

■ 29.9536, 0.3079,
0.2285

■ 35.8289, 0.3096,
0.2536

■ 42.8218, 0.3109,
0.2792

■ 50.9882, 0.3120,
0.3046

Harmonies

Analogous

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



14.1834, 0.1532, 0.1053



14.1834, 0.2925, 0.1385



14.1834, 0.5020, 0.2030

Triad

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



14.1834, 0.2925, 0.1385



14.1834, 0.5170, 0.4830



14.1834, 0.0644, 0.2416

Complementary

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



14.1834, 0.2925, 0.1385



43.3560, 0.3026, 0.5979

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.



14.1834, 0.1145, 0.4944



14.1834, 0.2925, 0.1385



14.1834, 0.3664, 0.6336

Square

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



14.1834, 0.2925, 0.1385



14.1834, 0.6347, 0.3653



14.1834, 0.2257, 0.7072



14.1834, 0.0603, 0.1350

Rectangle

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



14.1834, 0.2925, 0.1385



14.1834, 0.6172, 0.2544



14.1834, 0.2257, 0.7072



14.1834, 0.0744, 0.3079

Sweetspot

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



14.1840, 0.2925, 0.1385



58.9228, 0.3095, 0.2526



5.0046, 0.1522, 0.0679



11.6816, 0.3088, 0.2417



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.



14.1840, 0.2925, 0.1385



23.4350, 0.2921, 0.1383



14.3355, 0.4483, 0.2243



11.3371, 0.3120, 0.3060



8.9550, 0.2929, 0.1387



0.4807, 0.2987, 0.1419

Inverse Universe

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



12.8963, 0.6274, 0.3230



21.3473, 0.6293, 0.3240



43.7271, 0.2830, 0.5387



11.2339, 0.3273, 0.3264



8.1259, 0.6252, 0.3218



0.4263, 0.5858, 0.3001

Previews

White Background



This preview shows how the Yxy color 14.1834, 0.2925, 0.1385 looks on a white background.

Color Contrast Check

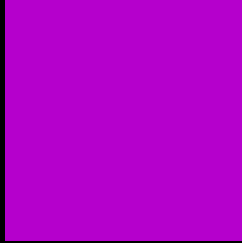
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.1834, 0.2925, 0.1385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

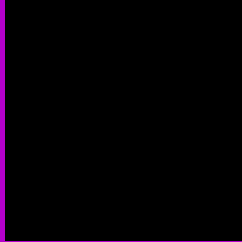
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1834, 0.2925, 0.1385

Background



This preview shows how black text looks on a background with the Yxy color 14.1834, 0.2925, 0.1385.



This preview shows how white text looks on a background with the Yxy color 14.1834, 0.2925, 0.1385.

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

14.1834, 0.2925, 0.1385

Protanopia

15.0151, 0.1743, 0.1476

Deuteranopia

14.9252, 0.1866, 0.1816



Tritanopia

14.5162, 0.4473, 0.3202

Trichromacy



Original Color

14.1834, 0.2925, 0.1385



Protanomaly

9.9097, 0.1797, 0.1090



Deuteranomaly

9.9472, 0.1957, 0.1264



Tritanomaly

12.6106, 0.3877, 0.2228

Monochromacy



Original Color

14.1834, 0.2925, 0.1385



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2715, 0.3047, 0.1887

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1834, 0.2925, 0.1385 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(181, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 204)  
}
```

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(181, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 204) }
```

Border

The CSS property to change the border of an element to Yxy 14.1834, 0.2925, 0.1385 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(181, 0, 204) }
```

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

```
.border{ border-color:rgb(181, 0, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 0, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1834, 0.2925, 0.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 204) }
```

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

```
.background{ background-color: rgb(181, 0,  
204) }
```

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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