

Converting Colors

$Y_{xy}(14.1075, 0.2876, 0.1358)$

Have a look what the booklet for
Yxy(14.1075, 0.2876, 0.1358)
contains.

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Color

Yxy(14.0887, 0.2867, 0.1353)

Conversions

Conversions Part 1

Format	Color
Hex	B300CF
RGB	179, 0, 207
RGB Percent	70%, 0%, 81%
CMY	0.2980, 1.0000, 0.1882
CMYK	0.14, 1.00, 0.00, 0.19
HSL	292°, 100%, 41%
HSV	292°, 100%, 81%
XYZ	29.8539, 14.0887, 60.1868
YIQ	77.1190, 40.2370, 102.3250

Conversions

Conversions Part 2

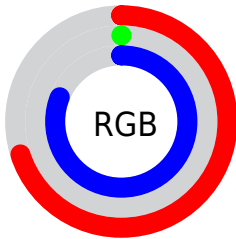
Format	Color
R_{YB}	179, 0, 207
Decimal	11731151
CIE _{Lab}	44.36, 79.71, -60.07
CIE _{LCh}	44, 99.808, 322.997
Yxy	14.0887, 0.2867, 0.1353
Android (android.graphics.Color)	4289921231 (0xFFB300CF)
YUV	77.1190, 64.0313, 89.3496
Hunter-Lab	37.5349, 76.2862, -68.7963

Details

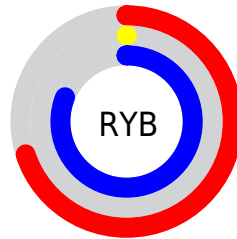
The Yxy color **14.0887, 0.2867, 0.1353** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **44.8800, 0.3034, 0.5973**, and the grayscale version is **7.3184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.5502, 0.3046, 0.1735**, and **6.3319, 0.2705, 0.1264** is the 20% darker color. If you saturate the color by 10%, you get **14.0894, 0.2867, 0.1353**, and if you desaturate by 10%, it is **14.9520, 0.2902, 0.1410**.

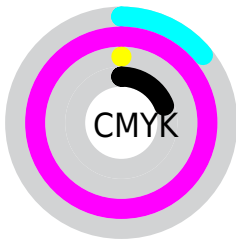
Distribution



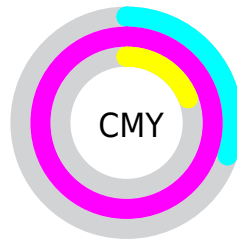
- Red (70%)
- Green (0%)
- Blue (81%)



- Red (70%)
- Yellow (0%)
- Blue (81%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)




- Cyan (30%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0887, 0.2867, 0.1353 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 14.0887, 0.2867, 0.1353 by changing the saturation by 10% instead.


 14.0887, 0.2867,
0.1353


 14.0887, 0.2867,
0.1353


217.7819, 0.3073,
0.2283


 8.1824, 0.2791,
0.1149


 33.2463, 0.2960,
0.1673


 4.2119, 0.2681,
0.0910


 47.2664, 0.2990,
0.1799

 1.7928, 0.2515,
0.0635


 64.7599, 0.3012,
0.1908

 0.4827, 0.2262,
0.0306

 86.1112, 0.3030,
0.2003

 0.0000, 0.1850,
0.0000

 111.7046, 0.3044,
0.2086

 0.0000, 0.0898,
0.0000

 141.9246, 0.3056,

 0.0000, 0.0000,

0.2159

0.0000

177.1556, 0.3065,
0.2225

■ 14.0887, 0.2867,
0.1353

■ 14.0887, 0.2867,
0.1353

■ 14.0894, 0.2867,
0.1353

■ 14.9520, 0.2902,
0.1410

■ 16.3845, 0.2937,
0.1505

■ 18.5782, 0.2972,
0.1644

■ 21.6362, 0.3004,
0.1824

■ 25.6459, 0.3034,
0.2039

■ 30.6836, 0.3060,
0.2278

■ 36.8180, 0.3082,
0.2532

■ 44.1120, 0.3101,
0.2790

■ 52.6233, 0.3116,
0.3045

Harmonies

Analogous

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



14.0887, 0.1488, 0.1030



14.0887, 0.2867, 0.1353



14.0887, 0.4985, 0.1992

Triad

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



14.0887, 0.2867, 0.1353



14.0887, 0.5216, 0.4784



14.0887, 0.0630, 0.2447

Complementary

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



14.0887, 0.2867, 0.1353



44.8800, 0.3034, 0.5973

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.



14.0887, 0.1142, 0.5062



14.0887, 0.2867, 0.1353



14.0887, 0.3687, 0.6313

Square

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



14.0887, 0.2867, 0.1353



14.0887, 0.6393, 0.3607



14.0887, 0.2267, 0.7145



14.0887, 0.0582, 0.1346

Rectangle

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



14.0887, 0.2867, 0.1353



14.0887, 0.6177, 0.2506



14.0887, 0.2267, 0.7145



14.0887, 0.0732, 0.3135

Sweetspot

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



14.0894, 0.2867, 0.1353



58.6092, 0.3082, 0.2522



5.4884, 0.1532, 0.0715



11.6056, 0.3072, 0.2413



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.



14.0894, 0.2867, 0.1353



22.5123, 0.2863, 0.1351



15.0044, 0.4350, 0.2170



11.9246, 0.3116, 0.3059



8.9058, 0.2872, 0.1356



0.5209, 0.2938, 0.1392

Inverse Universe

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



13.3515, 0.6236, 0.3209



21.3785, 0.6255, 0.3219



45.1067, 0.2856, 0.5482



11.8339, 0.3270, 0.3259



8.4188, 0.6212, 0.3196



0.4794, 0.5790, 0.2963

Previews

White Background



This preview shows how the Yxy color 14.0887, 0.2867, 0.1353 looks on a white background.

Color Contrast Check

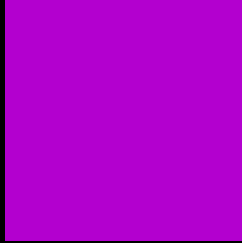
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0887, 0.2867, 0.1353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

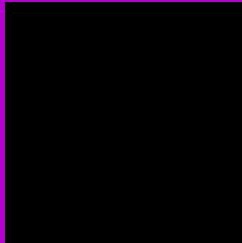
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0887, 0.2867, 0.1353

Background



This preview shows how black text looks on a background with the Yxy color 14.0887, 0.2867, 0.1353.



This preview shows how white text looks on a background with the Yxy color 14.0887, 0.2867, 0.1353.

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

14.0887, 0.2867, 0.1353

Protanopia

14.7625, 0.1741, 0.1469

Tritanopia

14.3595, 0.4405, 0.3200

Trichromacy



Original Color

14.0887, 0.2867, 0.1353



Protanomaly

9.8753, 0.1791, 0.1087



Tritanomaly

12.5297, 0.3807, 0.2200

Monochromacy



Original Color

14.0887, 0.2867, 0.1353



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2293, 0.3013, 0.1865

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0887, 0.2867, 0.1353 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(179, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 207)  
}
```

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(179, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 207) }
```

Border

The CSS property to change the border of an element to Yxy 14.0887, 0.2867, 0.1353 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(179, 0, 207) }
```

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

```
.border{ border-color:rgb(179, 0, 207) }
```

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

Here you see how a box with a 4 pixel rgb(179, 0, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
207) }
```

Background

The CSS property to change the background color of an element to Yxy 14.0887, 0.2867, 0.1353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 207) }
```

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

```
.background{ background-color: rgb(179, 0,  
207) }
```

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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