

Converting Colors

$Yxy(13.1278, 0.2977, 0.1441)$

Have a look what the booklet for
Yxy(13.1278, 0.2977, 0.1441)
contains.

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Color

Yxy(13.1185, 0.2974, 0.1438)

Conversions

Conversions Part 1

Format	Color
Hex	AE0EC0
RGB	174, 14, 192
RGB Percent	68%, 5%, 75%
CMY	0.3176, 0.9454, 0.2470
CMYK	0.09, 0.93, 0.00, 0.25
HSL	294°, 86%, 40%
HSV	294°, 93%, 75%
XYZ	27.1310, 13.1185, 50.9779
YIQ	82.1320, 38.2220, 89.2780

Conversions

Conversions Part 2

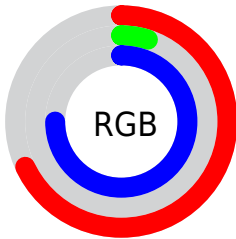
Format	Color
RYB	174, 14, 192
Decimal	11407040
CIELab	42.94, 75.16, -53.68
CIELCh	43, 92.357, 324.466
Yxy	13.1185, 0.2974, 0.1438
Android (android.graphics.Color)	4289597120 (0xFFAE0EC0)
YUV	82.1320, 54.1649, 80.5682
Hunter-Lab	36.2195, 70.3255, -58.0954

Details

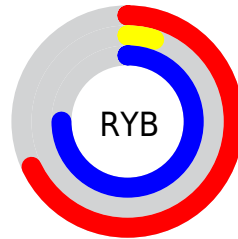
The Yxy color **13.1185, 0.2974, 0.1438** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **38.0415, 0.3037, 0.5917**, and the grayscale version is **8.3405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4755, 0.3042, 0.1762**, and **5.5191, 0.2834, 0.1335** is the 20% darker color. If you saturate the color by 10%, you get **12.6466, 0.2955, 0.1402**, and if you desaturate by 10%, it is **14.1259, 0.2999, 0.1515**.

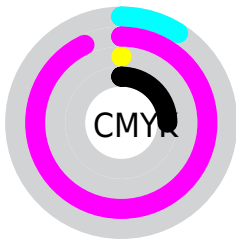
Distribution



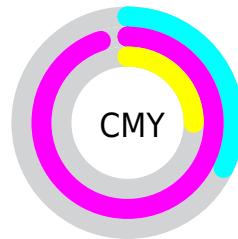
- Red (68%)
- Green (5%)
- Blue (75%)



- Red (68%)
- Yellow (5%)
- Blue (75%)



- Cyan (9%)
- Magenta (93%)
- Yellow (0%)
- Black (25%)





- Cyan (32%)
- Magenta (95%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1185, 0.2974, 0.1438 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 13.1185, 0.2974, 0.1438 by changing the saturation by 10% instead.


 13.1185, 0.2974,
0.1438


 13.1185, 0.2974,
0.1438


211.6757, 0.3118,
0.2353


 7.5102, 0.2913,
0.1228


 31.5165, 0.3044,
0.1760


 3.7832, 0.2820,
0.0978


 45.0750, 0.3065,
0.1885

 1.5530, 0.2670,
0.0683


 62.0524, 0.3081,
0.1992

 0.3256, 0.2440,
0.0271

 82.8330, 0.3092,
0.2084

 0.0000, 0.1993,
0.0000

 107.8012, 0.3101,
0.2165

 0.0000, 0.0205,
0.0000

 137.3415, 0.3108,

 0.0000, 0.0000,

0.2235

0.0000

171.8382, 0.3114,
0.2298

■ 13.1185, 0.2974,
0.1438

■ 13.1185, 0.2974,
0.1438

■ 12.6466, 0.2955,
0.1402

■ 14.1259, 0.2999,
0.1515

■ 15.7439, 0.3024,
0.1636

■ 18.0632, 0.3047,
0.1799

■ 21.1590, 0.3067,
0.1998

■ 25.0970, 0.3085,
0.2226

■ 29.9357, 0.3099,
0.2471

■ 35.7285, 0.3111,
0.2724

■ 42.5245, 0.3120,
0.2978

■ 50.3696, 0.3126,
0.3224

Harmonies

Analogous

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



13.1185, 0.1593, 0.1100



13.1185, 0.2974, 0.1438



13.1185, 0.5000, 0.2083

Triad

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



13.1185, 0.2974, 0.1438



13.1185, 0.5131, 0.4869



13.1185, 0.0690, 0.2425

Complementary

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



13.1185, 0.2974, 0.1438



38.0415, 0.3037, 0.5917

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.



13.1185, 0.1191, 0.4822



13.1185, 0.2974, 0.1438



13.1185, 0.3681, 0.6319

Square

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



13.1185, 0.2974, 0.1438



13.1185, 0.6281, 0.3719



13.1185, 0.2295, 0.6915



13.1185, 0.0648, 0.1389

Rectangle

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



13.1185, 0.2974, 0.1438



13.1185, 0.6098, 0.2596



13.1185, 0.2295, 0.6915



13.1185, 0.0791, 0.3058

Sweetspot

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



13.1191, 0.2974, 0.1438



58.5340, 0.3104, 0.2579



5.0831, 0.1566, 0.0774



11.6250, 0.3099, 0.2470



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.1191, 0.2974, 0.1438



22.8479, 0.2951, 0.1399



12.9685, 0.4353, 0.2212



10.1942, 0.3122, 0.3062



8.5281, 0.2959, 0.1404



0.3837, 0.3018, 0.1436

Inverse Universe

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



11.6236, 0.6118, 0.3210



20.3768, 0.6308, 0.3249



38.4091, 0.2804, 0.5238



10.0941, 0.3273, 0.3267



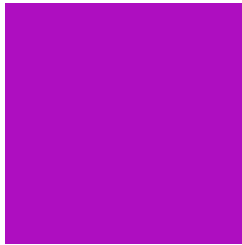
7.5789, 0.6268, 0.3227



0.3332, 0.5861, 0.3002

Previews

White Background



This preview shows how the Yxy color 13.1185, 0.2974, 0.1438 looks on a white background.

Color Contrast Check

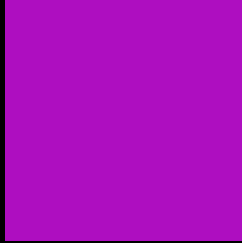
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.1185, 0.2974, 0.1438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

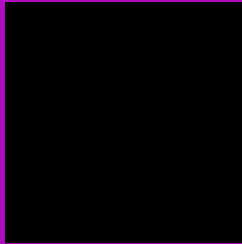
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 13.1185, 0.2974, 0.1438

Background



This preview shows how black text looks on a background with the Yxy color 13.1185, 0.2974, 0.1438.



This preview shows how white text looks on a background with the Yxy color 13.1185, 0.2974, 0.1438.

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

13.1185, 0.2974, 0.1438

Protanopia

13.5768, 0.1742, 0.1469

Deuteranopia

13.6119, 0.1914, 0.1859



Tritanopia

13.2365, 0.4510, 0.3216

Trichromacy



Original Color

13.1185, 0.2974, 0.1438



Protanomaly

9.5028, 0.1818, 0.1160



Deuteranomaly

9.9877, 0.2066, 0.1389



Tritanomaly

11.9260, 0.3931, 0.2316

Monochromacy



Original Color

13.1185, 0.2974, 0.1438



Achromatopsia

8.4376, 0.3127, 0.3290



Achromatomaly

7.9762, 0.3062, 0.2028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1185, 0.2974, 0.1438 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(174, 14, 192)` looks like.

```
.text, #text, p{  
    color:rgb(174, 14, 192)  
}
```

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(174, 14, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 14, 192) }
```

Border

The CSS property to change the border of an element to Yxy 13.1185, 0.2974, 0.1438 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(174, 14, 192) }
```

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

```
.border{ border-color:rgb(174, 14, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 14, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 14, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 14, 192);  
box-shadow:4px 4px 4px 4px rgb(174, 14,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1185, 0.2974, 0.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 14, 192) }
```

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

```
.background{ background-color: rgb(174, 14,  
192) }
```

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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