

Converting Colors

$Yxy(11.1134, 0.2324, 0.1054)$

Have a look what the booklet for
Yxy(11.1134, 0.2324, 0.1054)
contains.

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Color

Yxy(11.1136, 0.2322, 0.1053)

Conversions

Conversions Part 1

Format	Color
Hex	8F00DE
RGB	143, 0, 222
RGB Percent	56%, 0%, 87%
CMY	0.4392, 0.9995, 0.1296
CMYK	0.36, 1.00, 0.00, 0.13
HSL	279°, 100%, 44%
HSV	279°, 100%, 87%
XYZ	24.5069, 11.1136, 69.9217
YIQ	68.0650, 13.9660, 99.3580

Conversions

Conversions Part 2

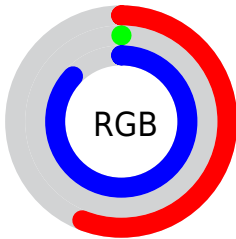
Format	Color
R_{YB}	143, 0, 222
Decimal	9371870
CIE _{Lab}	39.77, 77.85, -76.39
CIE _{LCh}	40, 109.068, 315.540
Yxy	11.1136, 0.2322, 0.1053
Android (android.graphics.Color)	4287561950 (0xFF8F00DE)
YUV	68.0650, 75.8900, 65.7180
Hunter-Lab	33.3371, 72.8800, -101.0199

Details

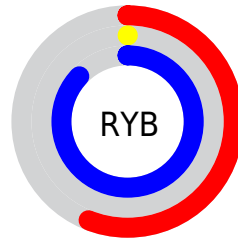
The Yxy color **11.1136, 0.2322, 0.1053** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **53.8787, 0.3186, 0.5852**, and the grayscale version is **5.6782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.1030, 0.2707, 0.1544**, and **4.5105, 0.2026, 0.0889** is the 20% darker color. If you saturate the color by 10%, you get **11.1071, 0.2322, 0.1053**, and if you desaturate by 10%, it is **12.4274, 0.2411, 0.1143**.

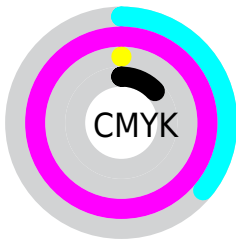
Distribution



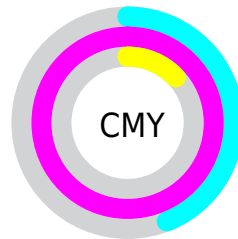
- Red (56%)
- Green (0%)
- Blue (87%)



- Red (56%)
- Yellow (0%)
- Blue (87%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)





- Cyan (44%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1136, 0.2322, 0.1053 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 11.1136, 0.2322, 0.1053 by changing the saturation by 10% instead.


 11.1136, 0.2322,
0.1053

 11.1136, 0.2322,
0.1053


198.4453, 0.2833,
0.2099


 6.1433, 0.2170,
0.0842


 27.8700, 0.2528,
0.1401


 2.9324, 0.1969,
0.0608


 40.4250, 0.2600,
0.1542


 1.0965, 0.1696,
0.0363

 56.2769, 0.2659,
0.1666

 0.0000, 0.1349,
0.0000

 75.8102, 0.2706,
0.1774

 0.0000, 0.0860,
0.0000

 99.4093, 0.2746,
0.1870

 0.0000, 0.0000,
0.0000

 127.4586, 0.2780,

0.1955

160.3424, 0.2808,
0.2031

■ 11.1136, 0.2322,
0.1053

■ 11.1136, 0.2322,
0.1053

■ 11.1071, 0.2322,
0.1053

■ 12.4274, 0.2411,
0.1143

■ 14.4619, 0.2505,
0.1278

■ 17.4341, 0.2603,
0.1462

■ 21.4679, 0.2699,
0.1688

■ 26.6677, 0.2791,
0.1944

■ 33.1253, 0.2877,
0.2219

■ 40.9229, 0.2954,
0.2500

■ 50.1358, 0.3021,
0.2777

■ 60.8334, 0.3079,
0.3042

Harmonies

Analogous

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



11.1136, 0.1088, 0.0812



11.1136, 0.2322, 0.1053



11.1136, 0.4620, 0.1630

Triad

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



11.1136, 0.2322, 0.1053



11.1136, 0.5674, 0.4326



11.1136, 0.0473, 0.2791

Complementary

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



11.1136, 0.2322, 0.1053



53.8787, 0.3186, 0.5852

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.



11.1136, 0.1068, 0.6376



11.1136, 0.2322, 0.1053



11.1136, 0.3918, 0.6082

Square

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



11.1136, 0.2322, 0.1053



11.1136, 0.6850, 0.3150



11.1136, 0.2271, 0.7729



11.1136, 0.0389, 0.1290

Rectangle

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



11.1136, 0.2322, 0.1053



11.1136, 0.6217, 0.2139



11.1136, 0.2271, 0.7729



11.1136, 0.0593, 0.3782

Sweetspot

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



11.1139, 0.2322, 0.1053



55.7174, 0.2951, 0.2492



11.2254, 0.1653, 0.1148



10.9101, 0.2920, 0.2373



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.



11.1139, 0.2322, 0.1053



15.1394, 0.2315, 0.1049



19.3458, 0.3582, 0.1747



13.6789, 0.3081, 0.3055



6.6655, 0.2334, 0.1060



0.5117, 0.2470, 0.1134

Inverse Universe

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



16.0892, 0.5583, 0.2849



22.0110, 0.5604, 0.2861



52.3063, 0.2974, 0.5906



13.7807, 0.3236, 0.3207



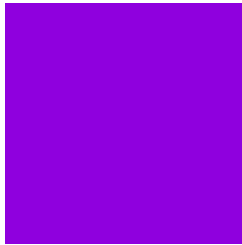
9.5789, 0.5546, 0.2829



0.6806, 0.5118, 0.2593

Previews

White Background



This preview shows how the Yxy color 11.1136, 0.2322, 0.1053 looks on a white background.

Color Contrast Check

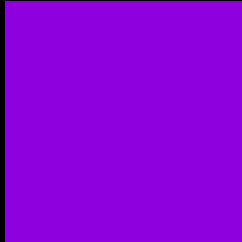
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1136, 0.2322, 0.1053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

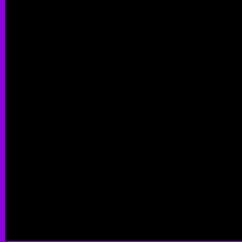
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1136, 0.2322, 0.1053

Background



This preview shows how black text looks on a background with the Yxy color 11.1136, 0.2322, 0.1053.



This preview shows how white text looks on a background with the Yxy color 11.1136, 0.2322, 0.1053.

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

11.1136, 0.2322, 0.1053

Protanopia

11.5493, 0.1747, 0.1487

Deuteranopia

11.5625, 0.1854, 0.1875



Tritanopia

11.4583, 0.3551, 0.3165

Trichromacy



Original Color

11.1136, 0.2322, 0.1053



Protanomaly

8.2176, 0.1733, 0.1026



Deuteranomaly

7.8062, 0.1784, 0.1140



Tritanomaly

9.1379, 0.2983, 0.1836

Monochromacy



Original Color

11.1136, 0.2322, 0.1053



Achromatopsia

5.7805, 0.3127, 0.3290



Achromatomaly

5.6159, 0.2673, 0.1628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1136, 0.2322, 0.1053 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(143, 0, 222)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 222)  
}
```

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(143, 0, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 222) }
```

Border

The CSS property to change the border of an element to Yxy 11.1136, 0.2322, 0.1053 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(143, 0, 222) }
```

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

```
.border{ border-color:rgb(143, 0, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 0, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 222);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1136, 0.2322, 0.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 222) }
```

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

```
.background{ background-color: rgb(143, 0,  
222) }
```

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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