

Converting Colors

$Y_{xy}(11.9549, 0.2450, 0.1139)$

Have a look what the booklet for
Yxy(11.9549, 0.2450, 0.1139)
contains.

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Color

Yxy(11.9544, 0.2450, 0.1139)

Conversions

Conversions Part 1

Format	Color
Hex	980ADA
RGB	152, 10, 218
RGB Percent	60%, 4%, 85%
CMY	0.4039, 0.9610, 0.1451
CMYK	0.30, 0.95, 0.00, 0.15
HSL	281°, 91%, 45%
HSV	281°, 95%, 85%
XYZ	25.7140, 11.9544, 67.2868
YIQ	76.1700, 17.8640, 94.7920

Conversions

Conversions Part 2

Format	Color
R _Y B	152, 10, 218
Decimal	9964250
CIE Lab	41.14, 77.07, -71.83
CIE LCh	41, 105.356, 317.016
Yxy	11.9544, 0.2450, 0.1139
Android (android.graphics.Color)	4288154330 (0xFF980ADA)
YUV	76.1700, 69.9222, 66.5029
Hunter-Lab	34.5751, 72.2466, -91.1819

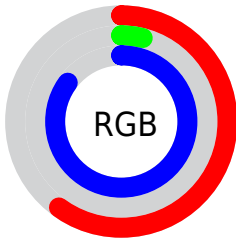
Details

The Yxy color **11.9544, 0.2450, 0.1139** is a dark color, and the websafe version is hex **9900CC**.

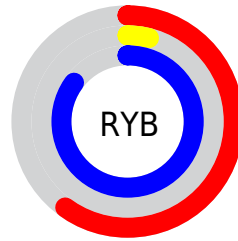
The color can be described as dark washed purple. A complement of this color would be **51.7031, 0.3172, 0.5836**, and the grayscale version is **7.1230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8726, 0.2792, 0.1603**, and **4.8839, 0.2171, 0.0970** is the 20% darker color. If you saturate the color by 10%, you get **11.4380, 0.2413, 0.1103**, and if you desaturate by 10%, it is **13.4455, 0.2533, 0.1241**.

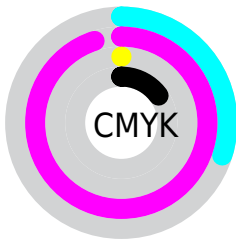
Distribution



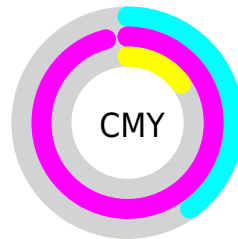
- Red (60%)
- Green (4%)
- Blue (85%)



- Red (60%)
- Yellow (4%)
- Blue (85%)



- Cyan (30%)
- Magenta (95%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (96%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9544, 0.2450, 0.1139 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 11.9544, 0.2450, 0.1139 by changing the saturation by 10% instead.


 11.9544, 0.2450,
0.1139


 11.9544, 0.2450,
0.1139


204.1032, 0.2889,
0.2155


 6.7126, 0.2315,
0.0928


 29.4120, 0.2630,
0.1481


 3.2830, 0.2133,
0.0690


 42.3967, 0.2692,
0.1618

 1.2812, 0.1880,
0.0433

 58.7311, 0.2742,
0.1738

 0.1266, 0.1545,
0.0075

 78.7996, 0.2783,
0.1843

 0.0000, 0.1053,
0.0000

 102.9867, 0.2816,
0.1935

 0.0000, 0.0000,
0.0000

 131.6767, 0.2845,

0.2017

165.2541, 0.2868,
0.2089

■ 11.9544, 0.2450,
0.1139

■ 11.9544, 0.2450,
0.1139

■ 11.4380, 0.2413,
0.1103

■ 13.4455, 0.2533,
0.1241

■ 15.7494, 0.2619,
0.1391

■ 18.9995, 0.2705,
0.1588

■ 23.3049, 0.2790,
0.1821

■ 28.7589, 0.2868,
0.2081

■ 35.4448, 0.2940,
0.2354

■ 43.4377, 0.3004,
0.2630

■ 52.8069, 0.3059,
0.2900

■ 63.6164, 0.3105,
0.3157

Harmonies

Analogous

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



11.9544, 0.1192, 0.0880



11.9544, 0.2450, 0.1139



11.9544, 0.4676, 0.1730

Triad

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



11.9544, 0.2450, 0.1139



11.9544, 0.5559, 0.4441



11.9544, 0.0536, 0.2732

Complementary

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



11.9544, 0.2450, 0.1139



51.7031, 0.3172, 0.5836

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.



11.9544, 0.1132, 0.6002



11.9544, 0.2450, 0.1139



11.9544, 0.3889, 0.6111

Square

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



11.9544, 0.2450, 0.1139



11.9544, 0.6719, 0.3281



11.9544, 0.2357, 0.7643



11.9544, 0.0450, 0.1333

Rectangle

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



11.9544, 0.2450, 0.1139



11.9544, 0.6156, 0.2241



11.9544, 0.2357, 0.7643



11.9544, 0.0658, 0.3630

Sweetspot

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



11.9548, 0.2450, 0.1139



57.3673, 0.2980, 0.2525



10.7627, 0.1660, 0.1146



11.2464, 0.2953, 0.2406



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.



11.9548, 0.2450, 0.1139



16.2313, 0.2407, 0.1099



18.5554, 0.3660, 0.1806



13.0570, 0.3088, 0.3056



6.9119, 0.2425, 0.1110



0.4931, 0.2556, 0.1182

Inverse Universe

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



15.6438, 0.5593, 0.2885



21.8524, 0.5750, 0.2941



50.3976, 0.2954, 0.5801



13.1192, 0.3242, 0.3216



9.2058, 0.5689, 0.2908



0.6118, 0.5224, 0.2651

Previews

White Background



This preview shows how the Yxy color 11.9544, 0.2450, 0.1139 looks on a white background.

Color Contrast Check

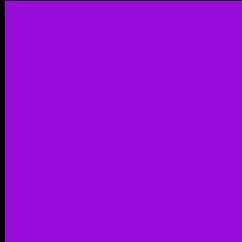
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9544, 0.2450, 0.1139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

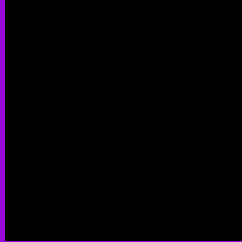
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9544, 0.2450, 0.1139

Background



This preview shows how black text looks on a background with the Yxy color 11.9544, 0.2450, 0.1139.



This preview shows how white text looks on a background with the Yxy color 11.9544, 0.2450, 0.1139.

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

11.9544, 0.2450, 0.1139

Protanopia

12.3545, 0.1746, 0.1486

Deuteranopia

12.3245, 0.1854, 0.1873



Tritanopia

12.1741, 0.3772, 0.3174

Trichromacy



Original Color

11.9544, 0.2450, 0.1139

Protanomaly

8.9840, 0.1754, 0.1074

Deuteranomaly

8.6206, 0.1817, 0.1221

Tritanomaly

10.2644, 0.3189, 0.1974

Monochromacy



Original Color

11.9544, 0.2450, 0.1139

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

6.9576, 0.2779, 0.1785

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9544, 0.2450, 0.1139 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(152, 10, 218)` looks like.

```
.text, #text, p{  
    color:rgb(152, 10, 218)  
}
```

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(152, 10, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 10, 218) }
```

Border

The CSS property to change the border of an element to Yxy 11.9544, 0.2450, 0.1139 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(152, 10, 218) }
```

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

```
.border{ border-color:rgb(152, 10, 218) }
```

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

Here you see how a box with a 4 pixel rgb(152, 10, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 10, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 10, 218);  
box-shadow:4px 4px 4px 4px rgb(152, 10,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9544, 0.2450, 0.1139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 10, 218) }
```

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

```
.background{ background-color: rgb(152, 10,  
218) }
```

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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