

Converting Colors

$Y_{xy}(11.1616, 0.2470, 0.1134)$

Have a look what the booklet for
Yxy(11.1616, 0.2470, 0.1134)
contains.

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Color

Yxy(11.1430, 0.2463, 0.1130)

Conversions

Conversions Part 1

Format	Color
Hex	9500D4
RGB	149, 0, 212
RGB Percent	58%, 0%, 83%
CMY	0.4155, 1.0000, 0.1685
CMYK	0.30, 1.00, 0.00, 0.17
HSL	282°, 100%, 42%
HSV	282°, 100%, 83%
XYZ	24.2878, 11.1430, 63.1798
YIQ	68.7190, 20.7520, 97.5200

Conversions

Conversions Part 2

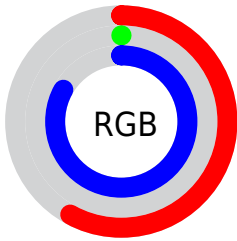
Format	Color
R_{YB}	149, 0, 212
Decimal	9765076
CIE _{Lab}	39.82, 76.68, -70.57
CIE _{LCh}	40, 104.216, 317.376
Yxy	11.1430, 0.2463, 0.1130
Android (android.graphics.Color)	4287955156 (0xFF9500D4)
YUV	68.7190, 70.6375, 70.4064
Hunter-Lab	33.3811, 71.4579, -88.8502

Details

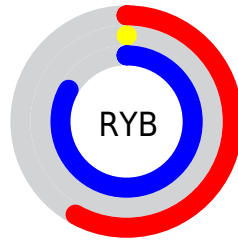
The Yxy color **11.1430, 0.2463, 0.1130** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **48.1598, 0.3133, 0.5894**, and the grayscale version is **5.7871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9618, 0.2763, 0.1570**, and **4.5740, 0.2193, 0.0982** is the 20% darker color. If you saturate the color by 10%, you get **11.1494, 0.2463, 0.1131**, and if you desaturate by 10%, it is **12.3021, 0.2540, 0.1214**.

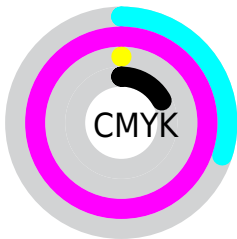
Distribution



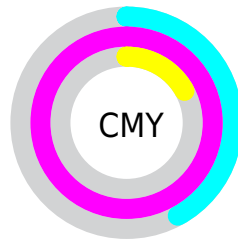
- Red (58%)
- Green (0%)
- Blue (83%)



- Red (58%)
- Yellow (0%)
- Blue (83%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)




- Cyan (42%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1430, 0.2463, 0.1130 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 11.1430, 0.2463, 0.1130 by changing the saturation by 10% instead.


 11.1430, 0.2463,
0.1130


 11.1430, 0.2463,
0.1130


198.6460, 0.2900,
0.2160


 6.1631, 0.2326,
0.0915


 27.9243, 0.2644,
0.1478


 2.9445, 0.2139,
0.0671


 40.4945, 0.2706,
0.1618


 1.1028, 0.1877,
0.0410

 56.3636, 0.2755,
0.1739

 0.0000, 0.1535,
0.0000

 75.9159, 0.2796,
0.1845

 0.0000, 0.1010,
0.0000

 99.5359, 0.2829,
0.1939

 0.0000, 0.0000,
0.0000

 127.6080, 0.2856,

0.2021

160.5166, 0.2880,
0.2094

■ 11.1430, 0.2463,
0.1130

■ 11.1430, 0.2463,
0.1130

■ 11.1494, 0.2463,
0.1131

■ 12.3021, 0.2540,
0.1214

■ 14.0845, 0.2619,
0.1339

■ 16.6969, 0.2700,
0.1511

■ 20.2494, 0.2780,
0.1725

■ 24.8351, 0.2856,
0.1971

■ 30.5354, 0.2925,
0.2236

■ 37.4236, 0.2988,
0.2509

■ 45.5667, 0.3042,
0.2780

■ 55.0265, 0.3088,
0.3042

Harmonies

Analogous

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



11.1430, 0.1188, 0.0868



11.1430, 0.2463, 0.1130



11.1430, 0.4722, 0.1725

Triad

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



11.1430, 0.2463, 0.1130



11.1430, 0.5549, 0.4451



11.1430, 0.0516, 0.2691

Complementary

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



11.1430, 0.2463, 0.1130



48.1598, 0.3133, 0.5894

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.



11.1430, 0.1097, 0.5998



11.1430, 0.2463, 0.1130



11.1430, 0.3855, 0.6145

Square

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



11.1430, 0.2463, 0.1130



11.1430, 0.6728, 0.3272



11.1430, 0.2311, 0.7689



11.1430, 0.0438, 0.1307

Rectangle

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



11.1430, 0.2463, 0.1130



11.1430, 0.6210, 0.2236



11.1430, 0.2311, 0.7689



11.1430, 0.0633, 0.3590

Sweetspot

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



11.1494, 0.2463, 0.1131



56.4622, 0.2986, 0.2500



8.3781, 0.1606, 0.0982



11.0882, 0.2960, 0.2383



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.



11.1494, 0.2463, 0.1131



16.8340, 0.2456, 0.1126



16.8902, 0.3796, 0.1865



12.4389, 0.3091, 0.3057



6.9348, 0.2474, 0.1136



0.4602, 0.2605, 0.1209

Inverse Universe

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



14.3607, 0.5796, 0.2966



21.7783, 0.5821, 0.2981



47.2737, 0.2948, 0.5812



12.4809, 0.3245, 0.3221



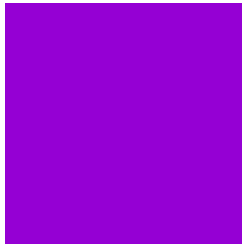
8.8779, 0.5759, 0.2946



0.5499, 0.5260, 0.2672

Previews

White Background



This preview shows how the Yxy color 11.1430, 0.2463, 0.1130 looks on a white background.

Color Contrast Check

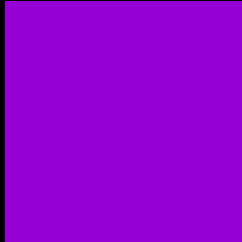
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1430, 0.2463, 0.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

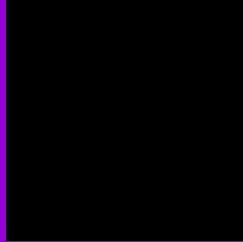
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1430, 0.2463, 0.1130

Background



This preview shows how black text looks on a background with the Yxy color 11.1430, 0.2463, 0.1130.



This preview shows how white text looks on a background with the Yxy color 11.1430, 0.2463, 0.1130.

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

11.1430, 0.2463, 0.1130

Protanopia

11.7688, 0.1749, 0.1495

Deuteranopia

11.5999, 0.1851, 0.1862



Tritanopia

11.4970, 0.3808, 0.3173

Trichromacy



Original Color

11.1430, 0.2463, 0.1130



Protanomaly

8.1292, 0.1750, 0.1044



Deuteranomaly

7.7323, 0.1805, 0.1163



Tritanomaly

9.5017, 0.3224, 0.1947

Monochromacy



Original Color

11.1430, 0.2463, 0.1130



Achromatopsia

5.9511, 0.3127, 0.3290



Achromatomaly

5.7785, 0.2771, 0.1706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1430, 0.2463, 0.1130 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(149, 0, 212)` looks like.

```
.text, #text, p{  
    color:rgb(149, 0, 212)  
}
```

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(149, 0, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 0, 212) }
```

Border

The CSS property to change the border of an element to Yxy 11.1430, 0.2463, 0.1130 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(149, 0, 212) }
```

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

```
.border{ border-color:rgb(149, 0, 212) }
```

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

Here you see how a box with a 4 pixel rgb(149, 0, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 0, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 0, 212);  
box-shadow:4px 4px 4px 4px rgb(149, 0,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1430, 0.2463, 0.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 0, 212) }
```

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

```
.background{ background-color: rgb(149, 0,  
212) }
```

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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