

Converting Colors

$Y_{xy}(11.2986, 0.2561, 0.1184)$

Have a look what the booklet for
Yxy(11.2986, 0.2561, 0.1184)
contains.

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Color

Yxy(11.2773, 0.2552, 0.1180)

Conversions

Conversions Part 1

Format	Color
Hex	9900CF
RGB	153, 0, 207
RGB Percent	60%, 0%, 81%
CMY	0.4002, 0.9988, 0.1884
CMYK	0.26, 1.00, 0.00, 0.19
HSL	284°, 100%, 41%
HSV	284°, 100%, 81%
XYZ	24.3896, 11.2773, 59.9035
YIQ	69.3450, 24.7410, 96.8130

Conversions

Conversions Part 2

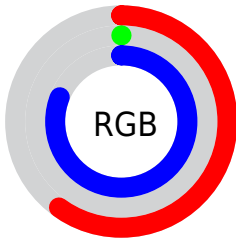
Format	Color
R_{YB}	153, 0, 207
Decimal	10027215
CIE _{Lab}	40.04, 76.16, -67.25
CIE _{LCh}	40, 101.606, 318.555
Yxy	11.2773, 0.2552, 0.1180
Android (android.graphics.Color)	4288217295 (0xFF9900CF)
YUV	69.3450, 67.8639, 73.3654
Hunter-Lab	33.5817, 70.8722, -82.2551

Details

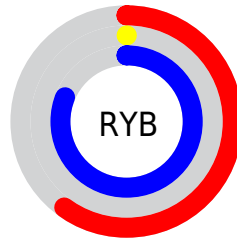
The Yxy color **11.2773, 0.2552, 0.1180** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **45.4048, 0.3106, 0.5915**, and the grayscale version is **5.9213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4036, 0.2791, 0.1584**, and **4.6140, 0.2295, 0.1038** is the 20% darker color. If you saturate the color by 10%, you get **11.2639, 0.2551, 0.1179**, and if you desaturate by 10%, it is **12.3455, 0.2620, 0.1259**.

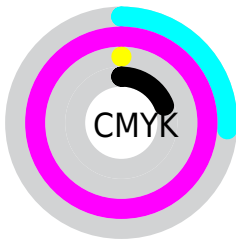
Distribution



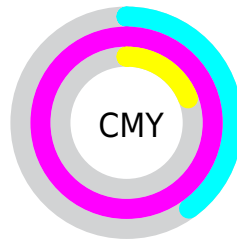
- Red (60%)
- Green (0%)
- Blue (81%)



- Red (60%)
- Yellow (0%)
- Blue (81%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)




- Cyan (40%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2773, 0.2552, 0.1180 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 11.2773, 0.2552, 0.1180 by changing the saturation by 10% instead.


 11.2773, 0.2552,
0.1180


 11.2773, 0.2552,
0.1180


199.5602, 0.2940,
0.2196


 6.2537, 0.2426,
0.0963


 28.1718, 0.2716,
0.1527


 2.9999, 0.2251,
0.0716


 40.8115, 0.2771,
0.1665


 1.1317, 0.2001,
0.0445

 56.7586, 0.2815,
0.1784

 0.0048, 0.1670,
0.0003

 76.3976, 0.2850,
0.1888

 0.0000, 0.1129,
0.0000

 100.1129, 0.2879,
0.1980

 0.0000, 0.0000,
0.0000

 128.2888, 0.2903,

0.2060

161.3098, 0.2923,
0.2132

■ 11.2773, 0.2552,
0.1180

■ 11.2773, 0.2552,
0.1180

■ 11.2639, 0.2551,
0.1179

■ 12.3455, 0.2620,
0.1259

■ 14.0057, 0.2690,
0.1378

■ 16.4459, 0.2761,
0.1544

■ 19.7693, 0.2831,
0.1752

■ 24.0631, 0.2896,
0.1991

■ 29.4038, 0.2956,
0.2250

■ 35.8602, 0.3009,
0.2519

■ 43.4952, 0.3056,
0.2787

■ 52.3669, 0.3095,
0.3047

Harmonies

Analogous

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



11.2773, 0.1253, 0.0905



11.2773, 0.2552, 0.1180



11.2773, 0.4781, 0.1786

Triad

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



11.2773, 0.2552, 0.1180



11.2773, 0.5473, 0.4527



11.2773, 0.0544, 0.2635

Complementary

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



11.2773, 0.2552, 0.1180



45.4048, 0.3106, 0.5915

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.



11.2773, 0.1114, 0.5772



11.2773, 0.2552, 0.1180



11.2773, 0.3818, 0.6182

Square

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



11.2773, 0.2552, 0.1180



11.2773, 0.6651, 0.3349



11.2773, 0.2318, 0.7598



11.2773, 0.0471, 0.1319

Rectangle

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



11.2773, 0.2552, 0.1180



11.2773, 0.6200, 0.2298



11.2773, 0.2318, 0.7598



11.2773, 0.0659, 0.3480

Sweetspot

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



11.2777, 0.2552, 0.1180



56.9233, 0.3007, 0.2505



7.2767, 0.1587, 0.0913



11.1989, 0.2985, 0.2390



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.



11.2777, 0.2552, 0.1180



17.9563, 0.2543, 0.1175



15.7619, 0.3909, 0.1928



11.8471, 0.3097, 0.3058



7.1468, 0.2560, 0.1184



0.4368, 0.2684, 0.1252

Inverse Universe

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



13.5368, 0.5908, 0.3029



21.6610, 0.5940, 0.3046



44.8309, 0.2930, 0.5749



11.8582, 0.3250, 0.3229



8.5395, 0.5877, 0.3011



0.4907, 0.5343, 0.2717

Previews

White Background



This preview shows how the Yxy color 11.2773, 0.2552, 0.1180 looks on a white background.

Color Contrast Check

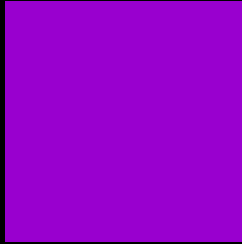
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2773, 0.2552, 0.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

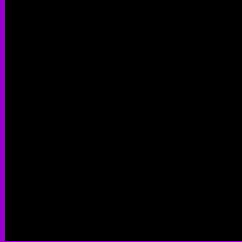
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2773, 0.2552, 0.1180

Background



This preview shows how black text looks on a background with the Yxy color 11.2773, 0.2552, 0.1180.



This preview shows how white text looks on a background with the Yxy color 11.2773, 0.2552, 0.1180.

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

11.2773, 0.2552, 0.1180

Deuteranopia

11.8640, 0.1849, 0.1857

Tritanopia

11.6413, 0.3956, 0.3178

Trichromacy



Original Color

11.2773, 0.2552, 0.1180



Deuteranomaly

7.8565, 0.1823, 0.1188



Tritanomaly

9.7574, 0.3358, 0.2009

Monochromacy



Original Color

11.2773, 0.2552, 0.1180



Achromatopsia

6.1246, 0.3127, 0.3290



Achromatomaly

5.9422, 0.2824, 0.1751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2773, 0.2552, 0.1180 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(153, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 207) }
```

Border

The CSS property to change the border of an element to Yxy 11.2773, 0.2552, 0.1180 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(153, 0, 207) }
```

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

```
.border{ border-color:rgb(153, 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(153, 0, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
207) }
```

Background

The CSS property to change the background color of an element to Yxy 11.2773, 0.2552, 0.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 207) }
```

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

```
.background{ background-color: rgb(153, 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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