

Converting Colors

$Y_{xy}(11.1272, 0.2620, 0.1254)$

Have a look what the booklet for
Yxy(11.1272, 0.2620, 0.1254)
contains.

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Color

Yxy(11.0891, 0.2615, 0.1252)

Conversions

Conversions Part 1

Format	Color
Hex	9712C6
RGB	151, 18, 198
RGB Percent	59%, 7%, 78%
CMY	0.4080, 0.9286, 0.2237
CMYK	0.24, 0.91, 0.00, 0.22
HSL	284°, 83%, 42%
HSV	284°, 91%, 78%
XYZ	23.1613, 11.0891, 54.3206
YIQ	78.2870, 21.4880, 84.1760

Conversions

Conversions Part 2

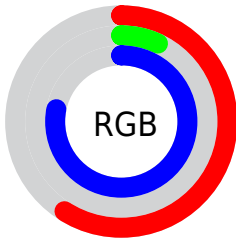
Format	Color
RYB	151, 18, 198
Decimal	9900742
CIELab	39.73, 72.09, -62.54
CIElCh	40, 95.433, 319.059
Yxy	11.0891, 0.2615, 0.1252
Android (android.graphics.Color)	4288090822 (0xFF9712C6)
YUV	78.2870, 59.0185, 63.7693
Hunter-Lab	33.3003, 65.8765, -73.4058

Details

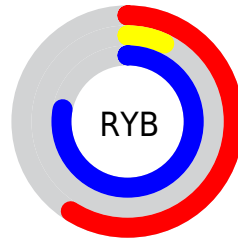
The Yxy color **11.0891, 0.2615, 0.1252** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **41.5447, 0.3148, 0.5815**, and the grayscale version is **7.5794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7380, 0.2773, 0.1601**, and **4.3103, 0.2362, 0.1075** is the 20% darker color. If you saturate the color by 10%, you get **10.2041, 0.2553, 0.1180**, and if you desaturate by 10%, it is **12.5426, 0.2685, 0.1368**.

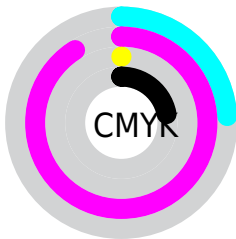
Distribution



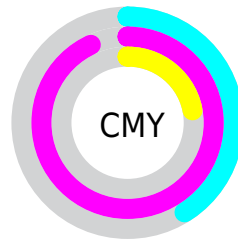
- Red (59%)
- Green (7%)
- Blue (78%)



- Red (59%)
- Yellow (7%)
- Blue (78%)



- Cyan (24%)
- Magenta (91%)
- Yellow (0%)
- Black (22%)




- Cyan (41%)
- Magenta (93%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0891, 0.2615, 0.1252 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 11.0891, 0.2615, 0.1252 by changing the saturation by 10% instead.


 11.0891, 0.2615,
0.1252


 11.0891, 0.2615,
0.1252


198.2778, 0.2967,
0.2253


 6.1268, 0.2496,
0.1031


 27.8248, 0.2766,
0.1600


 2.9223, 0.2328,
0.0774


 40.3670, 0.2816,
0.1736


 1.0913, 0.2082,
0.0488

 56.2046, 0.2856,
0.1853

 0.0000, 0.1751,
0.0000

 75.7221, 0.2887,
0.1955

 0.0000, 0.1161,
0.0000

 99.3037, 0.2913,
0.2044

 0.0000, 0.0000,
0.0000

 127.3339, 0.2934,

0.2122

160.1972, 0.2952,
0.2192

■ 11.0891, 0.2615,
0.1252

■ 11.0891, 0.2615,
0.1252

■ 10.2041, 0.2553,
0.1180

■ 12.5426, 0.2685,
0.1368

■ 14.6900, 0.2756,
0.1530

■ 17.6258, 0.2825,
0.1734

■ 21.4289, 0.2891,
0.1971

■ 26.1689, 0.2951,
0.2228

■ 31.9077, 0.3005,
0.2495

■ 38.7023, 0.3052,
0.2763

■ 46.6052, 0.3092,
0.3023

■ 55.6651, 0.3125,
0.3271

Harmonies

Analogous

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



11.0891, 0.1330, 0.0970



11.0891, 0.2615, 0.1252



11.0891, 0.4744, 0.1858

Triad

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



11.0891, 0.2615, 0.1252



11.0891, 0.5417, 0.4583



11.0891, 0.0616, 0.2659

Complementary

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



11.0891, 0.2615, 0.1252



41.5447, 0.3148, 0.5815

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.



11.0891, 0.1200, 0.5563



11.0891, 0.2615, 0.1252



11.0891, 0.3852, 0.6148

Square

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



11.0891, 0.2615, 0.1252



11.0891, 0.6555, 0.3445



11.0891, 0.2390, 0.7334



11.0891, 0.0533, 0.1385

Rectangle

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



11.0891, 0.2615, 0.1252



11.0891, 0.6080, 0.2370



11.0891, 0.2390, 0.7334



11.0891, 0.0736, 0.3452

Sweetspot

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



11.0895, 0.2615, 0.1252



60.4049, 0.3022, 0.2587



8.1186, 0.1657, 0.1085



12.0835, 0.3005, 0.2494



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.



11.0895, 0.2615, 0.1252



17.9519, 0.2543, 0.1175



14.8403, 0.3826, 0.1925



10.6717, 0.3097, 0.3059



6.6822, 0.2561, 0.1185



0.3500, 0.2702, 0.1262

Inverse Universe

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



12.8236, 0.5622, 0.2948



21.6614, 0.5940, 0.3046



40.8277, 0.2906, 0.5582



10.6817, 0.3249, 0.3230



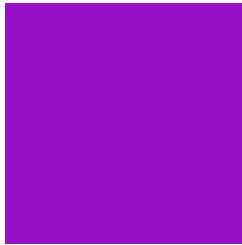
7.9797, 0.5871, 0.3008



0.3902, 0.5257, 0.2670

Previews

White Background



This preview shows how the Yxy color 11.0891, 0.2615, 0.1252 looks on a white background.

Color Contrast Check

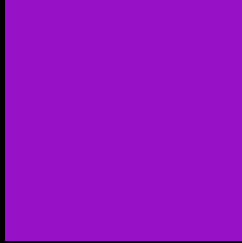
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0891, 0.2615, 0.1252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

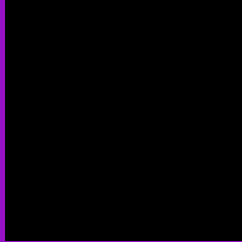
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0891, 0.2615, 0.1252

Background



This preview shows how black text looks on a background with the Yxy color 11.0891, 0.2615, 0.1252.



This preview shows how white text looks on a background with the Yxy color 11.0891, 0.2615, 0.1252.

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

11.0891, 0.2615, 0.1252

Protanopia

11.5045, 0.1749, 0.1496

Deuteranopia

11.4140, 0.1845, 0.1841



Tritanopia

11.3162, 0.4007, 0.3178

Trichromacy



Original Color

11.0891, 0.2615, 0.1252



Protanomaly

8.5329, 0.1789, 0.1147



Deuteranomaly

8.2418, 0.1849, 0.1282



Tritanomaly

10.0081, 0.3423, 0.2135

Monochromacy



Original Color

11.0891, 0.2615, 0.1252



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.2367, 0.2888, 0.1944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0891, 0.2615, 0.1252 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(151, 18, 198)` looks like.

```
.text, #text, p{  
    color:rgb(151, 18, 198)  
}
```

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(151, 18, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 18, 198) }
```

Border

The CSS property to change the border of an element to Yxy 11.0891, 0.2615, 0.1252 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(151, 18, 198) }
```

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

```
.border{ border-color:rgb(151, 18, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 18, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 18, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 18, 198);  
box-shadow:4px 4px 4px 4px rgb(151, 18,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0891, 0.2615, 0.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 18, 198) }
```

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

```
.background{ background-color: rgb(151, 18,  
198) }
```

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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