

Converting Colors

$Y_{xy}(10.6589, 0.2708, 0.1268)$

Have a look what the booklet for
Yxy(10.6589, 0.2708, 0.1268)
contains.

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Color

Yxy(10.6975, 0.2711, 0.1269)

Conversions

Conversions Part 1

Format	Color
Hex	9A01C0
RGB	154, 1, 192
RGB Percent	60%, 0%, 75%
CMY	0.3961, 0.9962, 0.2469
CMYK	0.20, 0.99, 0.00, 0.25
HSL	288°, 99%, 38%
HSV	288°, 99%, 75%
XYZ	22.8534, 10.6975, 50.7478
YIQ	68.5210, 29.8770, 91.8370

Conversions

Conversions Part 2

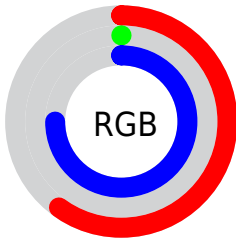
Format	Color
RYB	154, 1, 192
Decimal	10092992
CIELab	39.07, 73.56, -60.12
CIElCh	39, 95.005, 320.739
Yxy	10.6975, 0.2711, 0.1269
Android (android.graphics.Color)	4288283072 (0xFF9A01C0)
YUV	68.5210, 60.8751, 74.9651
Hunter-Lab	32.7070, 67.4859, -69.0986

Details

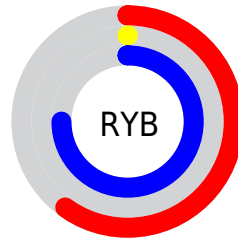
The Yxy color **10.6975, 0.2711, 0.1269** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **38.1471, 0.3068, 0.5942**, and the grayscale version is **5.7637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0203, 0.2849, 0.1619**, and **4.2929, 0.2481, 0.1141** is the 20% darker color. If you saturate the color by 10%, you get **10.6575, 0.2708, 0.1266**, and if you desaturate by 10%, it is **11.5646, 0.2763, 0.1341**.

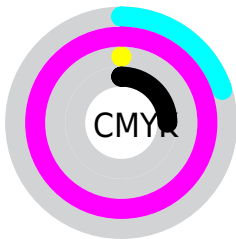
Distribution



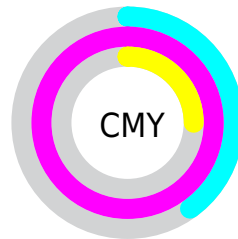
- Red (60%)
- Green (0%)
- Blue (75%)



- Red (60%)
- Yellow (0%)
- Blue (75%)



- Cyan (20%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)




- Cyan (40%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.6975, 0.2711, 0.1269 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 10.6975, 0.2711, 0.1269 by changing the saturation by 10% instead.


 10.6975, 0.2711,
0.1269


 10.6975, 0.2711,
0.1269


195.5803, 0.3012,
0.2270


 5.8638, 0.2603,
0.1045


 27.0994, 0.2845,
0.1619


 2.7624, 0.2447,
0.0784


 39.4364, 0.2888,
0.1755


 1.0090, 0.2212,
0.0490

 55.0434, 0.2921,
0.1873

 0.0000, 0.1887,
0.0000

 74.3046, 0.2947,
0.1974

 0.0000, 0.1268,
0.0000

 97.6045, 0.2968,
0.2063

 0.0000, 0.0000,
0.0000

 125.3275, 0.2986,

0.2140

157.8580, 0.3000,
0.2209

■ 10.6975, 0.2711,
0.1269

■ 10.6975, 0.2711,
0.1269

■ 10.6575, 0.2708,
0.1266

■ 11.5646, 0.2763,
0.1341

■ 12.9276, 0.2816,
0.1451

■ 14.9424, 0.2869,
0.1607

■ 17.6935, 0.2920,
0.1803

■ 21.2529, 0.2967,
0.2031

■ 25.6835, 0.3010,
0.2280

■ 31.0423, 0.3047,
0.2540

■ 37.3813, 0.3080,
0.2802

■ 44.7485, 0.3106,
0.3058

Harmonies

Analogous

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



10.6975, 0.1372, 0.0970



10.6975, 0.2711, 0.1269



10.6975, 0.4883, 0.1892

Triad

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



10.6975, 0.2711, 0.1269



10.6975, 0.5341, 0.4659



10.6975, 0.0591, 0.2540

Complementary

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



10.6975, 0.2711, 0.1269



38.1471, 0.3068, 0.5942

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.



10.6975, 0.1135, 0.5395



10.6975, 0.2711, 0.1269



10.6975, 0.3753, 0.6247

Square

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



10.6975, 0.2711, 0.1269



10.6975, 0.6517, 0.3483



10.6975, 0.2297, 0.7355



10.6975, 0.0529, 0.1336

Rectangle

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



10.6975, 0.2711, 0.1269



10.6975, 0.6184, 0.2406



10.6975, 0.2297, 0.7355



10.6975, 0.0700, 0.3299

Sweetspot

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



10.6979, 0.2711, 0.1269



55.1862, 0.3044, 0.2514



5.2771, 0.1557, 0.0801



10.9246, 0.3028, 0.2403



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.6979, 0.2711, 0.1269



19.1953, 0.2700, 0.1261



12.9732, 0.4143, 0.2058



10.1430, 0.3107, 0.3061



7.2018, 0.2715, 0.1269



0.3376, 0.2831, 0.1333

Inverse Universe

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



11.3785, 0.6069, 0.3121



20.5337, 0.6116, 0.3143



38.0281, 0.2888, 0.5591



10.1100, 0.3258, 0.3244



7.6450, 0.6055, 0.3109



0.3403, 0.5439, 0.2770

Previews

White Background



This preview shows how the Yxy color 10.6975, 0.2711, 0.1269 looks on a white background.

Color Contrast Check

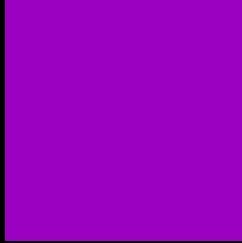
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6975, 0.2711, 0.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

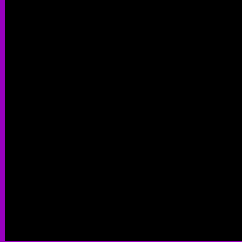
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6975, 0.2711, 0.1269

Background



This preview shows how black text looks on a background with the Yxy color 10.6975, 0.2711, 0.1269.



This preview shows how white text looks on a background with the Yxy color 10.6975, 0.2711, 0.1269.

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

10.6975, 0.2711, 0.1269

Protanopia

11.2879, 0.1747, 0.1487

Deuteranopia

11.1929, 0.1843, 0.1833



Tritanopia

11.0295, 0.4178, 0.3182

Trichromacy



Original Color

10.6975, 0.2711, 0.1269



Protanomaly

7.6726, 0.1783, 0.1080



Deuteranomaly

7.3526, 0.1842, 0.1205



Tritanomaly

9.4237, 0.3598, 0.2118

Monochromacy



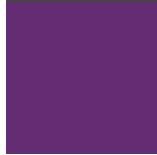
Original Color

10.6975, 0.2711, 0.1269



Achromatopsia

5.9511, 0.3127, 0.3290



Achromatomaly

5.7256, 0.2922, 0.1820

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6975, 0.2711, 0.1269 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(154, 1, 192)` looks like.

```
.text, #text, p{  
    color:rgb(154, 1, 192)  
}
```

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(154, 1, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 1, 192) }
```

Border

The CSS property to change the border of an element to Yxy 10.6975, 0.2711, 0.1269 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(154, 1, 192) }
```

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

```
.border{ border-color:rgb(154, 1, 192) }
```

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

Here you see how a box with a 4 pixel rgb(154, 1, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 1, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 1, 192);  
box-shadow:4px 4px 4px 4px rgb(154, 1,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6975, 0.2711, 0.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 1, 192) }
```

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

```
.background{ background-color: rgb(154, 1,  
192) }
```

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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