

Converting Colors

$Y_{xy}(14.0558, 0.2279, 0.1029)$

Have a look what the booklet for
Yxy(14.0558, 0.2279, 0.1029)
contains.

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Color

Yxy(14.0702, 0.2279, 0.1029)

Conversions

Conversions Part 1

Format	Color
Hex	9D00FA
RGB	157, 0, 250
RGB Percent	62%, 0%, 98%
CMY	0.3842, 1.0000, 0.0197
CMYK	0.37, 1.00, 0.00, 0.02
HSL	278°, 100%, 49%
HSV	278°, 100%, 98%
XYZ	31.1623, 14.0702, 91.5042
YIQ	75.4430, 13.3220, 111.0340

Conversions

Conversions Part 2

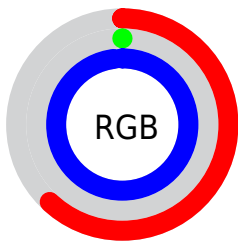
Format	Color
R _Y B	157, 0, 250
Decimal	10289402
CIE Lab	44.33, 84.72, -84.71
CIE LCh	44, 119.804, 315.001
Yxy	14.0702, 0.2279, 0.1029
Android (android.graphics.Color)	4288479482 (0xFF9D00FA)
YUV	75.4430, 86.0566, 71.5255
Hunter-Lab	37.5103, 82.6489, -118.3774

Details

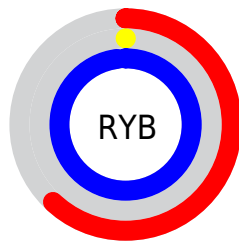
The Yxy color **14.0702, 0.2279, 0.1029** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **70.6873, 0.3198, 0.5843**, and the grayscale version is **6.9619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0965, 0.2858, 0.1641**, and **6.1855, 0.2001, 0.0876** is the 20% darker color. If you saturate the color by 10%, you get **14.0726, 0.2279, 0.1029**, and if you desaturate by 10%, it is **15.7389, 0.2371, 0.1117**.

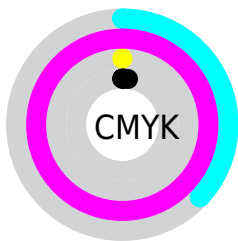
Distribution



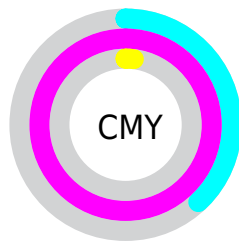
- Red (62%)
- Green (0%)
- Blue (98%)



- Red (62%)
- Yellow (0%)
- Blue (98%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





- Cyan (38%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0702, 0.2279, 0.1029 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 14.0702, 0.2279, 0.1029 by changing the saturation by 10% instead.


 14.0702, 0.2279,
0.1029


 14.0702, 0.2279,
0.1029


217.6671, 0.2794,
0.2034


 8.1695, 0.2137,
0.0836


 33.2135, 0.2480,
0.1353

 4.2036, 0.1953,
0.0625


 47.2250, 0.2552,
0.1487


 1.7881, 0.1713,
0.0403


 64.7088, 0.2611,
0.1606

 0.4797, 0.1403,
0.0173

 86.0493, 0.2661,
0.1712

 0.0000, 0.1007,
0.0000

 111.6311, 0.2702,
0.1806

 0.0000, 0.0473,
0.0000

 141.8383, 0.2738,

 0.0000, 0.0000,

0.1890

0.0000

177.0555, 0.2768,
0.1965

■ 14.0702, 0.2279,
0.1029

■ 14.0702, 0.2279,
0.1029

■ 14.0726, 0.2279,
0.1029

■ 15.7389, 0.2371,
0.1117

■ 18.3685, 0.2469,
0.1253

■ 22.2370, 0.2571,
0.1438

■ 27.5122, 0.2673,
0.1667

■ 34.3349, 0.2770,
0.1927

■ 42.8283, 0.2861,
0.2206

■ 53.1028, 0.2942,
0.2491

■ 65.2595, 0.3014,
0.2771

■ 79.3914, 0.3075,
0.3039

Harmonies

Analogous

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



14.0702, 0.1058, 0.0794



14.0702, 0.2279, 0.1029



14.0702, 0.4589, 0.1600

Triad

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



14.0702, 0.2279, 0.1029



14.0702, 0.5713, 0.4287



14.0702, 0.0458, 0.2822

Complementary

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



14.0702, 0.2279, 0.1029



70.6873, 0.3198, 0.5843

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.



14.0702, 0.1056, 0.6497



14.0702, 0.2279, 0.1029



14.0702, 0.3937, 0.6063

Square

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



14.0702, 0.2279, 0.1029



14.0702, 0.6889, 0.3111



14.0702, 0.2256, 0.7744



14.0702, 0.0374, 0.1283

Rectangle

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



14.0702, 0.2279, 0.1029



14.0702, 0.6221, 0.2108



14.0702, 0.2256, 0.7744



14.0702, 0.0579, 0.3844

Sweetspot

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



14.0726, 0.2279, 0.1029



55.5187, 0.2942, 0.2490



15.2357, 0.1662, 0.1182



10.8626, 0.2909, 0.2370



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.



14.0726, 0.2279, 0.1029



14.7124, 0.2278, 0.1029



25.5324, 0.3534, 0.1720



17.1832, 0.3078, 0.3052



7.5502, 0.2294, 0.1037



0.7596, 0.2402, 0.1097

Inverse Universe

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



21.1109, 0.5538, 0.2824



22.0829, 0.5541, 0.2826



68.4521, 0.2981, 0.5930



17.3320, 0.3235, 0.3202



11.2248, 0.5495, 0.2801



1.0593, 0.5170, 0.2622

Previews

White Background



This preview shows how the Yxy color 14.0702, 0.2279, 0.1029 looks on a white background.

Color Contrast Check

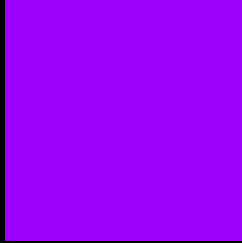
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0702, 0.2279, 0.1029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

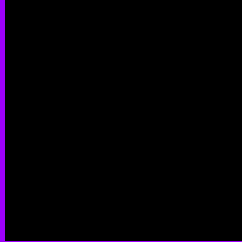
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0702, 0.2279, 0.1029

Background



This preview shows how black text looks on a background with the Yxy color 14.0702, 0.2279, 0.1029.



This preview shows how white text looks on a background with the Yxy color 14.0702, 0.2279, 0.1029.

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

14.0702, 0.2279, 0.1029

Protanopia

14.6584, 0.1746, 0.1484

Deuteranopia

14.4824, 0.1854, 0.1873



Tritanopia

14.3445, 0.3480, 0.3155

Trichromacy



Original Color

14.0702, 0.2279, 0.1029



Protanomaly

10.3677, 0.1721, 0.1012



Deuteranomaly

9.7296, 0.1773, 0.1126



Tritanomaly

11.4028, 0.2919, 0.1795

Monochromacy



Original Color

14.0702, 0.2279, 0.1029



Achromatopsia

7.0360, 0.3127, 0.3290



Achromatomaly

6.9812, 0.2642, 0.1598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0702, 0.2279, 0.1029 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(157, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(157, 0, 250)  
}
```

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(157, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 0, 250) }
```

Border

The CSS property to change the border of an element to Yxy 14.0702, 0.2279, 0.1029 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(157, 0, 250) }
```

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

```
.border{ border-color:rgb(157, 0, 250) }
```

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

Here you see how a box with a 4 pixel rgb(157, 0, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(157, 0,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0702, 0.2279, 0.1029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 0, 250) }
```

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

```
.background{ background-color: rgb(157, 0,  
250) }
```

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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