

Converting Colors

$Y_{xy}(14.5080, 0.2290, 0.1035)$

Have a look what the booklet for
Yxy(14.5080, 0.2290, 0.1035)
contains.

Yxy(14.5019, 0.2294, 0.1038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.5019, 0.2294, 0.1038)

Conversions

Conversions Part 1

Format	Color
Hex	A001FC
RGB	160, 1, 252
RGB Percent	63%, 0%, 99%
CMY	0.3728, 0.9979, 0.0120
CMYK	0.37, 1.00, 0.00, 0.01
HSL	278°, 100%, 50%
HSV	278°, 100%, 99%
XYZ	32.0495, 14.5019, 93.1586
YIQ	77.1550, 14.1930, 111.7690

Conversions

Conversions Part 2

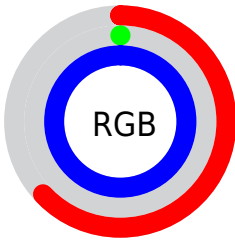
Format	Color
RYB	160, 1, 252
Decimal	10486268
CIELab	44.94, 85.32, -84.79
CIELCh	45, 120.290, 315.179
Yxy	14.5019, 0.2294, 0.1038
Android (android.graphics.Color)	4288676348 (0xFFA001FC)
YUV	77.1550, 86.1986, 72.6551
Hunter-Lab	38.0814, 83.5842, -118.3845

Details

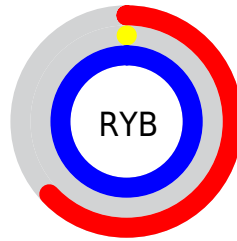
The Yxy color **14.5019, 0.2294, 0.1038** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **71.8903, 0.3193, 0.5846**, and the grayscale version is **7.2278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.7290, 0.2886, 0.1661**, and **6.4364, 0.2020, 0.0886** is the 20% darker color. If you saturate the color by 10%, you get **14.4710, 0.2292, 0.1036**, and if you desaturate by 10%, it is **16.2027, 0.2385, 0.1126**.

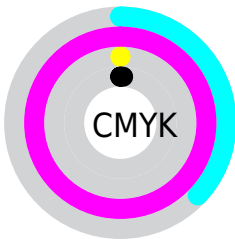
Distribution



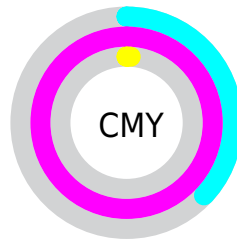
- Red (63%)
- Green (0%)
- Blue (99%)



- Red (63%)
- Yellow (0%)
- Blue (99%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (37%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5019, 0.2294, 0.1038 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 14.5019, 0.2294, 0.1038 by changing the saturation by 10% instead.


 14.5019, 0.2294,
0.1038


 14.5019, 0.2294,
0.1038


220.3312, 0.2800,
0.2035

 8.4706, 0.2155,
0.0847


 33.9770, 0.2491,
0.1360


 4.3975, 0.1975,
0.0636


 48.1895, 0.2562,
0.1493

 1.8983, 0.1739,
0.0415


 65.8978, 0.2620,
0.1611

 0.5474, 0.1434,
0.0191

 87.4864, 0.2668,
0.1716

 0.0000, 0.1045,
0.0000

 113.3397, 0.2709,
0.1809

 0.0000, 0.0537,
0.0000

 143.8420, 0.2744,

 0.0000, 0.0000,

0.1892

0.0000

179.3777, 0.2774,
0.1968

■ 14.5019, 0.2294,
0.1038

■ 14.5019, 0.2294,
0.1038

■ 14.4710, 0.2292,
0.1036

■ 16.2027, 0.2385,
0.1126

■ 18.8938, 0.2482,
0.1261

■ 22.8483, 0.2583,
0.1447

■ 28.2363, 0.2683,
0.1675

■ 35.2010, 0.2779,
0.1935

■ 43.8674, 0.2867,
0.2213

■ 54.3481, 0.2947,
0.2497

■ 66.7455, 0.3017,
0.2777

■ 81.1544, 0.3077,
0.3044

Harmonies

Analogous

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



14.5019, 0.1069, 0.0801



14.5019, 0.2294, 0.1038



14.5019, 0.4598, 0.1611

Triad

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



14.5019, 0.2294, 0.1038



14.5019, 0.5699, 0.4301



14.5019, 0.0465, 0.2812

Complementary

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



14.5019, 0.2294, 0.1038



71.8903, 0.3193, 0.5846

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.



14.5019, 0.1062, 0.6453



14.5019, 0.2294, 0.1038



14.5019, 0.3932, 0.6068

Square

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



14.5019, 0.2294, 0.1038



14.5019, 0.6875, 0.3125



14.5019, 0.2263, 0.7737



14.5019, 0.0380, 0.1286

Rectangle

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



14.5019, 0.2294, 0.1038



14.5019, 0.6218, 0.2119



14.5019, 0.2263, 0.7737



14.5019, 0.0585, 0.3823

Sweetspot

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



14.5023, 0.2294, 0.1038



55.5913, 0.2946, 0.2491



14.8066, 0.1650, 0.1139



10.8800, 0.2913, 0.2371



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.



14.5023, 0.2294, 0.1038



14.8671, 0.2292, 0.1036



25.7805, 0.3584, 0.1749



17.1885, 0.3079, 0.3052



7.6283, 0.2307, 0.1044



0.7665, 0.2414, 0.1104

Inverse Universe

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



21.4787, 0.5556, 0.2836



22.0561, 0.5564, 0.2839



69.7049, 0.2976, 0.5911



17.3302, 0.3236, 0.3203



11.2109, 0.5518, 0.2814



1.0579, 0.5192, 0.2634

Previews

White Background



This preview shows how the Yxy color 14.5019, 0.2294, 0.1038 looks on a white background.

Color Contrast Check

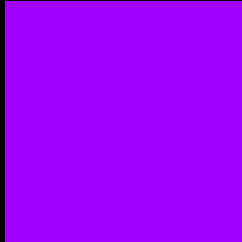
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5019, 0.2294, 0.1038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

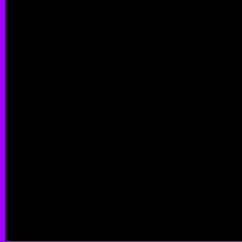
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5019, 0.2294, 0.1038

Background



This preview shows how black text looks on a background with the Yxy color 14.5019, 0.2294, 0.1038.



This preview shows how white text looks on a background with the Yxy color 14.5019, 0.2294, 0.1038.

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

14.5236, 0.2294, 0.1039

Protanopia

15.0151, 0.1743, 0.1476

Deuteranopia

15.0430, 0.1855, 0.1876



Tritanopia

14.6815, 0.3525, 0.3139

Trichromacy



Original Color

14.5236, 0.2294, 0.1039

Protanomaly

10.5655, 0.1719, 0.1003

Deuteranomaly

10.1595, 0.1775, 0.1136

Tritanomaly

11.8090, 0.2949, 0.1815

Monochromacy



Original Color

14.5236, 0.2294, 0.1039

Achromatopsia

7.4214, 0.3127, 0.3290

Achromatomaly

7.2455, 0.2649, 0.1604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5019, 0.2294, 0.1038 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(160, 1, 252)` looks like.

```
.text, #text, p{  
    color:rgb(160, 1, 252)  
}
```

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(160, 1, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 1, 252) }
```

Border

The CSS property to change the border of an element to Yxy 14.5019, 0.2294, 0.1038 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(160, 1, 252) }
```

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

```
.border{ border-color:rgb(160, 1, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 1, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 1, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 1, 252);  
box-shadow:4px 4px 4px 4px rgb(160, 1,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5019, 0.2294, 0.1038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 1, 252) }
```

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

```
.background{ background-color: rgb(160, 1,  
252) }
```

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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