

Converting Colors

$Yxy(11.4494, 0.2085, 0.0980)$

Have a look what the booklet for
Yxy(11.4494, 0.2085, 0.0980)
contains.

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Color

Yxy(11.4288, 0.2083, 0.0978)

Conversions

Conversions Part 1

Format	Color
Hex	7E1DED
RGB	126, 29, 237
RGB Percent	49%, 11%, 93%
CMY	0.5057, 0.8868, 0.0704
CMYK	0.47, 0.88, 0.00, 0.07
HSL	268°, 85%, 52%
HSV	268°, 88%, 93%
XYZ	24.3417, 11.4288, 81.0884
YIQ	81.7150, -8.9560, 85.2520

Conversions

Conversions Part 2

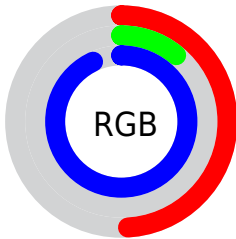
Format	Color
R _Y B	126, 29, 237
Decimal	8265197
CIE Lab	40.29, 74.88, -84.23
CIE LCh	40, 112.699, 311.637
Yxy	11.4288, 0.2083, 0.0978
Android (android.graphics.Color)	4286455277 (0xFF7E1DED)
YUV	81.7150, 76.5555, 38.8379
Hunter-Lab	33.8065, 69.3640, -118.5486

Details

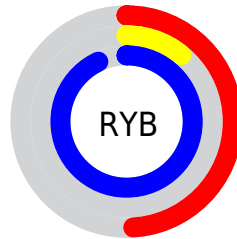
The Yxy color **11.4288, 0.2083, 0.0978** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **66.2535, 0.3462, 0.5552**, and the grayscale version is **8.2108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.3935, 0.2575, 0.1537**, and **4.2251, 0.1739, 0.0732** is the 20% darker color. If you saturate the color by 10%, you get **9.7679, 0.1968, 0.0865**, and if you desaturate by 10%, it is **14.0866, 0.2212, 0.1148**.

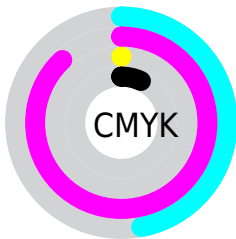
Distribution



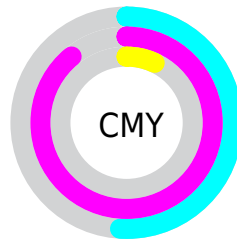
- Red (49%)
- Green (11%)
- Blue (93%)



- Red (49%)
- Yellow (11%)
- Blue (93%)



- Cyan (47%)
- Magenta (88%)
- Yellow (0%)
- Black (7%)




- Cyan (51%)
- Magenta (89%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4288, 0.2083, 0.0978 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 11.4288, 0.2083, 0.0978 by changing the saturation by 10% instead.


 11.4288, 0.2083,
0.0978


 11.4288, 0.2083,
0.0978


200.5862, 0.2708,
0.2034

 6.3560, 0.1913,
0.0774


 28.4504, 0.2325,
0.1322


 3.0628, 0.1695,
0.0552


 41.1680, 0.2412,
0.1464


 1.1646, 0.1415,
0.0325

 57.2027, 0.2484,
0.1589

 0.0325, 0.1074,
0.0015

 76.9389, 0.2544,
0.1700

 0.0000, 0.0645,
0.0000

 100.7610, 0.2595,
0.1798

 0.0000, 0.0000,
0.0000

 129.0533, 0.2638,

0.1886

162.2002, 0.2675,
0.1964

■ 11.4288, 0.2083,
0.0978

■ 11.4288, 0.2083,
0.0978

■ 9.7679, 0.1968,
0.0865

■ 14.0866, 0.2212,
0.1148

■ 9.4760, 0.1945,
0.0845

■ 17.9344, 0.2351,
0.1373

■ 23.1159, 0.2492,
0.1639

■ 29.7535, 0.2630,
0.1932

■ 37.9550, 0.2758,
0.2235

■ 47.8179, 0.2874,
0.2536

■ 59.4313, 0.2977,
0.2824

■ 72.8782, 0.3067,
0.3094

■ 88.2358, 0.3143,
0.3342

Harmonies

Analogous

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



11.4288, 0.0966, 0.0777



11.4288, 0.2083, 0.0978



11.4288, 0.4296, 0.1511

Triad

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



11.4288, 0.2083, 0.0978



11.4288, 0.5888, 0.4112



11.4288, 0.0481, 0.3124

Complementary

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



11.4288, 0.2083, 0.0978



66.2535, 0.3462, 0.5552

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.



11.4288, 0.1151, 0.6926



11.4288, 0.2083, 0.0978



11.4288, 0.4144, 0.5856

Square

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



11.4288, 0.2083, 0.0978



11.4288, 0.6991, 0.3009



11.4288, 0.2391, 0.7609



11.4288, 0.0361, 0.1367

Rectangle

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



11.4288, 0.2083, 0.0978



11.4288, 0.6006, 0.2013



11.4288, 0.2391, 0.7609



11.4288, 0.0623, 0.4261

Sweetspot

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



11.4291, 0.2083, 0.0978



58.6476, 0.2893, 0.2587



25.1028, 0.1878, 0.1874



11.6111, 0.2855, 0.2484



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.



11.4291, 0.2083, 0.0978



11.1452, 0.1941, 0.0843



23.8320, 0.3134, 0.1543



14.8936, 0.3053, 0.3052



5.2473, 0.1962, 0.0854



0.4688, 0.2115, 0.0939

Inverse Universe

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



20.7755, 0.4582, 0.2373



23.0363, 0.4858, 0.2450



61.0617, 0.3016, 0.5894



15.1883, 0.3209, 0.3165



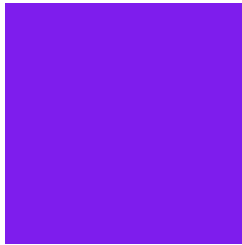
10.6841, 0.4816, 0.2427



0.8584, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 11.4288, 0.2083, 0.0978 looks on a white background.

Color Contrast Check

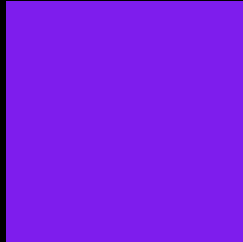
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4288, 0.2083, 0.0978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

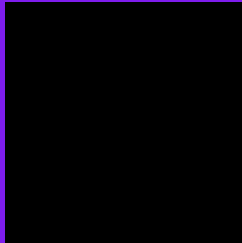
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4288, 0.2083, 0.0978

Background



This preview shows how black text looks on a background with the Yxy color 11.4288, 0.2083, 0.0978.



This preview shows how white text looks on a background with the Yxy color 11.4288, 0.2083, 0.0978.

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

11.4288, 0.2083, 0.0978

Protanopia

11.5045, 0.1749, 0.1496

Deuteranopia

11.4885, 0.1861, 0.1901



Tritanopia

11.4390, 0.2972, 0.3104

Trichromacy



Original Color

11.4288, 0.2083, 0.0978



Protanomaly

9.4405, 0.1725, 0.1103



Deuteranomaly

9.1517, 0.1781, 0.1252



Tritanomaly

9.7165, 0.2514, 0.1792

Monochromacy



Original Color

11.4288, 0.2083, 0.0978



Achromatopsia

8.4376, 0.3127, 0.3290



Achromatomaly

7.9867, 0.2570, 0.1800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4288, 0.2083, 0.0978 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(126, 29, 237)` looks like.

```
.text, #text, p{  
    color:rgb(126, 29, 237)  
}
```

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(126, 29, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 29, 237) }
```

Border

The CSS property to change the border of an element to Yxy 11.4288, 0.2083, 0.0978 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(126, 29, 237) }
```

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

```
.border{ border-color:rgb(126, 29, 237) }
```

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

Here you see how a box with a 4 pixel rgb(126, 29, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 29, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 29, 237);  
box-shadow:4px 4px 4px 4px rgb(126, 29,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4288, 0.2083, 0.0978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 29, 237) }
```

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

```
.background{ background-color: rgb(126, 29,  
237) }
```

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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