

Converting Colors

XYZ(26.9891, 12.4205, 82.6368)

Have a look what the booklet for
XYZ(26.9891, 12.4205, 82.6368)
contains.

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Color

**XYZ(26.9358, 12.3837,
82.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	8E11EF
RGB	142, 17, 239
RGB Percent	56%, 7%, 94%
CMY	0.4431, 0.9333, 0.0627
CMYK	0.41, 0.93, 0.00, 0.06
HSL	274°, 87%, 50%
HSV	274°, 93%, 94%
XYZ	26.9358, 12.3837, 82.6320
YIQ	79.6830, 3.2380, 95.5420

Conversions

Conversions Part 2

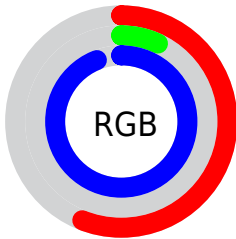
Format	Color
R_{YB}	142, 17, 239
Decimal	9310703
CIE _{Lab}	41.82, 79.20, -82.74
CIE _{LCh}	42, 114.537, 313.748
Yxy	12.3837, 0.2209, 0.1015
Android (android.graphics.Color)	4287500783 (0xFF8E11EF)
YUV	79.6830, 78.5433, 54.6520
Hunter-Lab	35.1905, 75.0457, -114.5876

Details

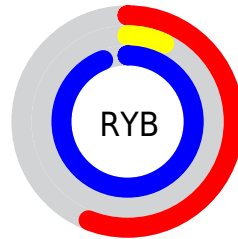
The XYZ color **26.9358, 12.3837, 82.6320** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **37.9065, 65.3508, 11.1463**, and the grayscale version is **7.4165, 7.8027, 8.4972**.

A 20% lighter version of the original color is **46.2510, 27.0613, 97.3934**, and **11.4824, 4.9559, 44.0675** is the 20% darker color. If you saturate the color by 10%, you get **25.5039, 11.3479, 82.5079**, and if you desaturate by 10%, it is **29.4022, 14.5295, 82.9165**.

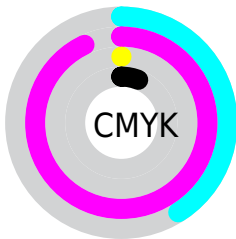
Distribution



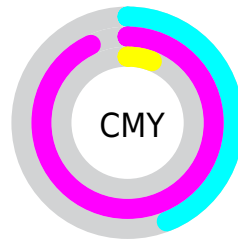
- Red (56%)
- Green (7%)
- Blue (94%)



- Red (56%)
- Yellow (7%)
- Blue (94%)



- Cyan (41%)
- Magenta (93%)
- Yellow (0%)
- Black (6%)





- Cyan (44%)
- Magenta (93%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9358, 12.3837, 82.6320 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 XYZ color 26.9358, 12.3837, 82.6320 by changing the saturation by 10% instead.

 26.9358, 12.3837,
82.6320


 26.9358, 12.3837,
82.6320


279.5194,
206.9292, 523.6981


 17.6614, 7.0056,
61.3478


 54.2014, 30.1920,
138.9045


 10.8053, 3.4656,
44.0735


 72.9234, 43.3910,
174.7299


 6.0024, 1.3794,
30.3907


 95.5251, 59.9657,
216.2395

 2.8872, 0.2014,
19.8808

 122.3721, 80.3006,
263.8517

 1.0944, 0.0000,
12.1252

 153.8297,
104.7800, 317.9851

 0.0204, 0.0000,
6.7054

 190.2632,

 0.0000, 0.0000,

133.7883, 379.0583

3.2029

232.0379,
167.7099, 447.4898

■ 0.0000, 0.0000,
1.1992

■ 0.0000, 0.0000,
0.0000

■ 26.9358, 12.3837,
82.6320

■ 26.9358, 12.3837,
82.6320

■ 25.5039, 11.3479,
82.5079

■ 29.4022, 14.5295,
82.9165

■ 32.5403, 17.7644,
83.3755

■ 36.4343, 22.2488,
84.0358

■ 41.1535, 28.1153,
84.9195

■ 46.7582, 35.4791,
86.0454

■ 53.3027, 44.4427,
87.4306

■ 60.8365, 55.0996,
89.0905

■ 69.4053, 67.5357,
91.0393

■ 79.0516, 81.8313,
93.2902

Harmonies

Analogous

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



16.0636, 12.3837, 127.7531



26.9358, 12.3837, 82.6320



35.2348, 12.3837, 31.1210

Triad

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



26.9358, 12.3837, 82.6320



16.9211, 12.3837, 0.0000



1.9969, 12.3837, 27.8195

Complementary

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



26.9358, 12.3837, 82.6320



37.9065, 65.3508, 11.1463

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.



2.0537, 12.3837, 4.2109



26.9358, 12.3837, 82.6320



8.3195, 12.3837, 0.0000

Square

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



26.9358, 12.3837, 82.6320



27.8159, 12.3837, 0.0000



3.7371, 12.3837, 0.0000



3.5086, 12.3837, 77.9161

Rectangle

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



26.9358, 12.3837, 82.6320



36.5251, 12.3837, 10.6680



3.7371, 12.3837, 0.0000



1.8679, 12.3837, 16.7559

Sweetspot

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



26.9366, 12.3840, 82.6323



65.7873, 57.1511, 102.1716



22.1608, 19.0503, 84.1708



13.2981, 11.1327, 21.6979



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.9366, 12.3840, 82.6323



29.4795, 13.1121, 95.5849



49.7869, 24.3476, 75.4018



15.7489, 15.6678, 19.9157



14.2473, 6.3502, 45.6027



1.2992, 0.5870, 3.7990

Inverse Universe

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



38.8341, 19.9664, 17.7251



44.1321, 22.4168, 17.1594



31.3086, 61.9367, 11.4097



16.0596, 15.8736, 17.8702



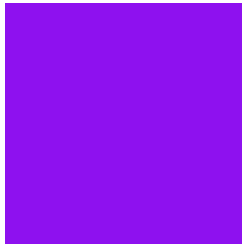
21.1275, 10.7234, 8.5879



1.8067, 0.9117, 0.9730

Previews

White Background



This preview shows how the XYZ color 26.9358, 12.3837, 82.6320 looks on a white background.

Color Contrast Check

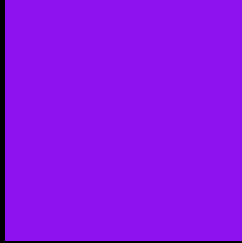
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.9358, 12.3837, 82.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

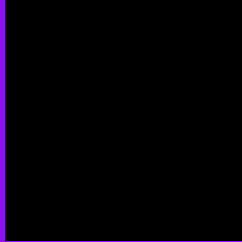
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9358, 12.3837, 82.6320

Background



This preview shows how black text looks on a background with the XYZ color 26.9358, 12.3837, 82.6320.



This preview shows how white text looks on a background with the XYZ color 26.9358, 12.3837,

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

26.9358, 12.3837, 82.6320

Protanopia

14.8435, 12.6300, 57.5326

Deuteranopia

12.3914, 12.5587, 41.8154



Tritanopia

13.1617, 12.4557, 14.0224

Trichromacy



Original Color

26.9358, 12.3837, 82.6320



Protanomaly

15.6891, 9.6507, 65.3258



Deuteranomaly

13.8625, 9.3138, 54.4932



Tritanomaly

15.8463, 10.4159, 30.4534

Monochromacy



Original Color

26.9358, 12.3837, 82.6320



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

11.6441, 7.6448, 24.9066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9358, 12.3837, 82.6320 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(142, 17, 239)` looks like.

```
.text, #text, p{  
    color:rgb(142, 17, 239)  
}
```

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(142, 17, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 17, 239) }
```

Border

The CSS property to change the border of an element to XYZ 26.9358, 12.3837, 82.6320 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(142, 17, 239) }
```


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

```
.border{ border-color:rgb(142, 17, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 17, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 17, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 17, 239);  
box-shadow:4px 4px 4px 4px rgb(142, 17,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9358, 12.3837, 82.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 17, 239) }
```

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

```
.background{ background-color: rgb(142, 17,  
239) }
```

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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