

Converting Colors

XYZ(26.0875, 11.6802, 81.1153)

Have a look what the booklet for
XYZ(26.0875, 11.6802, 81.1153)
contains.

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Color

**XYZ(26.1013, 11.6899,
81.0014)**

Conversions

Conversions Part 1

Format	Color
Hex	8C00ED
RGB	140, 0, 237
RGB Percent	55%, 0%, 93%
CMY	0.4510, 1.0000, 0.0706
CMYK	0.41, 1.00, 0.00, 0.07
HSL	275°, 100%, 46%
HSV	275°, 100%, 93%
XYZ	26.1013, 11.6899, 81.0014
YIQ	68.8780, 7.3630, 103.3870

Conversions

Conversions Part 2

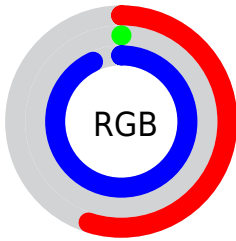
Format	Color
RYB	140, 0, 237
Decimal	9175277
CIELab	40.72, 80.52, -83.43
CIELCh	41, 115.946, 313.983
Yxy	11.6899, 0.2197, 0.0984
Android (android.graphics.Color)	4287365357 (0xFF8C00ED)
YUV	68.8780, 82.8841, 62.3740
Hunter-Lab	34.1905, 76.4350, -116.5318

Details

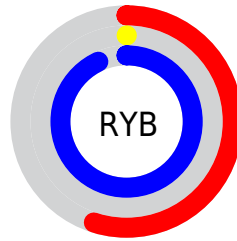
The XYZ color **26.1013, 11.6899, 81.0014** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **35.2136, 63.1097, 10.3254**, and the grayscale version is **5.5059, 5.7926, 6.3082**.

A 20% lighter version of the original color is **45.5004, 25.9631, 97.2210**, and **11.2187, 4.8318, 43.5214** is the 20% darker color. If you saturate the color by 10%, you get **26.1021, 11.6903, 81.0017**, and if you desaturate by 10%, it is **28.1299, 13.2114, 81.1885**.

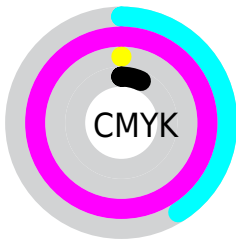
Distribution



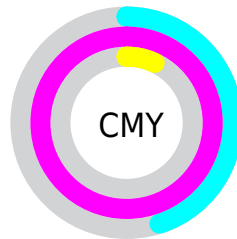
- Red (55%)
- Green (0%)
- Blue (93%)



- Red (55%)
- Yellow (0%)
- Blue (93%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1013, 11.6899, 81.0014 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 26.1013, 11.6899, 81.0014 by changing the saturation by 10% instead.

■ 26.1013, 11.6899,
81.0014

■ 26.1013, 11.6899,
81.0014

275.5266,
202.3414, 518.0967

■ 17.0325, 6.5329,
60.0117

■ 52.8685, 28.9290,
136.5968

■ 10.3531, 3.1717,
43.0027

■ 71.2975, 41.7800,
172.0397

■ 5.6978, 1.2220,
29.5558

■ 93.5774, 57.9643,
213.1373

■ 2.7011, 0.0796,
19.2525

■ 120.0735, 77.8665,
260.3083

■ 0.9977, 0.0000,
11.6742

■ 151.1511,
101.8709, 313.9713

■ 0.0000, 0.0000,
6.4024

■ 187.1756,

■ 0.0000, 0.0000,

130.3619, 374.5446

3.0186

228.5123,
163.7240, 442.4469

■ 0.0000, 0.0000,
1.1041

■ 0.0000, 0.0000,
0.0000

■ 26.1013, 11.6899,
81.0014

■ 26.1013, 11.6899,
81.0014

■ 26.1021, 11.6903,
81.0017

■ 28.1299, 13.2114,
81.1885

■ 30.6969, 15.5919,
81.5126

■ 33.9300, 19.0801,
82.0155

■ 37.9052, 23.8231,
82.7215

■ 42.6866, 29.9447,
83.6511

■ 48.3309, 37.5533,
84.8222

■ 54.8889, 46.7462,
86.2510

■ 62.4074, 57.6124,
87.9521

■ 70.9295, 70.2340,
89.9391

Harmonies

Analogous

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



15.3851, 11.6899, 126.5902



26.1013, 11.6899, 81.0014



34.2845, 11.6899, 29.7534

Triad

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



26.1013, 11.6899, 81.0014



16.0686, 11.6899, 0.0000



1.7476, 11.6899, 27.1010

Complementary

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



26.1013, 11.6899, 81.0014



35.2136, 63.1097, 10.3254

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.



1.7902, 11.6899, 3.8772



26.1013, 11.6899, 81.0014



7.7122, 11.6899, 0.0000

Square

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



26.1013, 11.6899, 81.0014



26.8091, 11.6899, 0.0000



3.3516, 11.6899, 0.0000



3.1762, 11.6899, 77.1595

Rectangle

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



26.1013, 11.6899, 81.0014



35.5189, 11.6899, 9.8357



3.3516, 11.6899, 0.0000



1.6252, 11.6899, 16.1388

Sweetspot

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



26.1021, 11.6903, 81.0017



64.7149, 55.0581, 101.8242



19.7243, 14.9909, 81.9749



13.1223, 10.7530, 21.6339



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.



26.1021, 11.6903, 81.0017



30.7453, 13.7647, 95.6441



47.4821, 23.0274, 67.7586



15.0842, 14.9887, 19.0203



14.4033, 6.4611, 44.2309



1.2397, 0.5634, 3.4783

Inverse Universe

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



37.0826, 18.8676, 12.9956



43.7572, 22.2669, 15.1851



30.4083, 60.6182, 10.7480



15.3210, 15.1563, 16.9758



20.3071, 10.3255, 7.4185



1.6413, 0.8295, 0.8284

Previews

White Background



This preview shows how the XYZ color 26.1013, 11.6899, 81.0014 looks on a white background.

Color Contrast Check

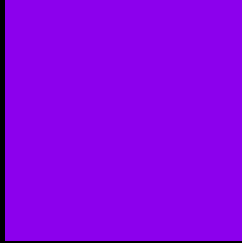
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1013, 11.6899, 81.0014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

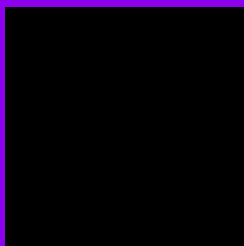
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1013, 11.6899, 81.0014

Background



This preview shows how black text looks on a background with the XYZ color 26.1013, 11.6899, 81.0014.



This preview shows how white text looks on a background with the XYZ color 26.1013, 11.6899,

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

26.1013, 11.6899, 81.0014

Protanopia

14.1957, 12.0826, 55.0101

Deuteranopia

11.8129, 12.0166, 39.7270



Tritanopia

12.5578, 11.8894, 13.6896

Trichromacy



Original Color

26.1013, 11.6899, 81.0014



Protanomaly

14.8648, 8.6890, 63.1810



Deuteranomaly

12.9362, 8.2656, 51.9525



Tritanomaly

14.9541, 9.3949, 29.8794

Monochromacy



Original Color

26.1013, 11.6899, 81.0014



Achromatopsia

5.6565, 5.9511, 6.4808



Achromatomaly

9.6493, 5.8460, 21.7389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1013, 11.6899, 81.0014 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(140, 0, 237)` looks like.

```
.text, #text, p{  
    color:rgb(140, 0, 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(140, 0, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 0, 237) }
```

Border

The CSS property to change the border of an element to XYZ 26.1013, 11.6899, 81.0014 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(140, 0, 237) }
```


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

```
.border{ border-color:rgb(140, 0, 237) }
```

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

Here you see how a box with a 4 pixel rgb(140, 0, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 0, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 0, 237);  
box-shadow:4px 4px 4px 4px rgb(140, 0,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1013, 11.6899, 81.0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 0, 237) }
```

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

```
.background{ background-color: rgb(140, 0,  
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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