

Converting Colors

XYZ(26.1234, 11.6985, 87.8703)

Have a look what the booklet for
XYZ(26.1234, 11.6985, 87.8703)
contains.

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Color

**XYZ(26.0923, 11.6745,
88.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	8309F6
RGB	131, 9, 246
RGB Percent	51%, 4%, 96%
CMY	0.4863, 0.9647, 0.0353
CMYK	0.47, 0.96, 0.00, 0.04
HSL	271°, 93%, 50%
HSV	271°, 96%, 96%
XYZ	26.0923, 11.6745, 88.0670
YIQ	72.4960, -3.3650, 99.5710

Conversions

Conversions Part 2

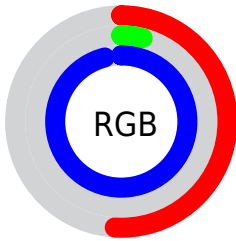
Format	Color
R_{YB}	131, 9, 246
Decimal	8587766
CIE _{Lab}	40.69, 80.59, -88.60
CIE _{LCh}	41, 119.764, 312.290
Yxy	11.6745, 0.2074, 0.0928
Android (android.graphics.Color)	4286777846 (0xFF8309F6)
YUV	72.4960, 85.5375, 51.3080
Hunter-Lab	34.1680, 76.5172, -128.9008

Details

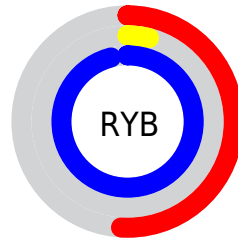
The XYZ color **26.0923, 11.6745, 88.0670** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **41.3158, 70.2158, 11.6337**, and the grayscale version is **6.1026, 6.4204, 6.9918**.

A 20% lighter version of the original color is **43.5466, 25.1863, 97.1740**, and **11.1270, 4.6876, 47.8953** is the 20% darker color. If you saturate the color by 10%, you get **25.3337, 11.1384, 88.0038**, and if you desaturate by 10%, it is **28.5126, 13.6092, 88.3132**.

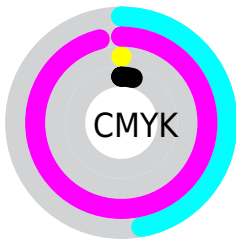
Distribution



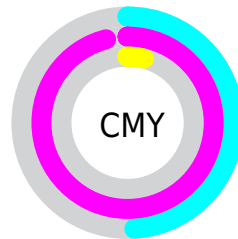
- Red (51%)
- Green (4%)
- Blue (96%)



- Red (51%)
- Yellow (4%)
- Blue (96%)



- Cyan (47%)
- Magenta (96%)
- Yellow (0%)
- Black (4%)





- Cyan (49%)
- Magenta (96%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0923, 11.6745, 88.0670 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 26.0923, 11.6745, 88.0670 by changing the saturation by 10% instead.

 26.0923, 11.6745,
88.0670

 26.0923, 11.6745,
88.0670


275.4833,
202.2383, 542.1296


 17.0257, 6.5224,
65.8139


 52.8541, 28.9009,
146.5624

 10.3483, 3.1653,
47.6658


 71.2800, 41.7440,
183.6418


 5.6945, 1.2186,
33.2042


 93.5564, 57.9195,
226.5003

 2.6991, 0.0768,
22.0105

 120.0486, 77.8120,
275.5566

 0.9967, 0.0000,
13.6662

 151.1221,
101.8057, 331.2291

 0.0000, 0.0000,
7.7528

 187.1421,

 0.0000, 0.0000,

130.2851, 393.9364

3.8517

228.4741,
163.6345, 464.0971

■ 0.0000, 0.0000,
1.5443

■ 0.0000, 0.0000,
0.2506

■ 26.0923, 11.6745,
88.0670

■ 26.0923, 11.6745,
88.0670

■ 25.3337, 11.1384,
88.0038

■ 28.5126, 13.6092,
88.3132

■ 31.6514, 16.6559,
88.7358

■ 35.6089, 21.0039,
89.3665

■ 40.4658, 26.8053,
90.2303

■ 46.2916, 34.1902,
91.3487

■ 53.1483, 43.2738,
92.7406

■ 61.0922, 54.1605,
94.4232

■ 70.1750, 66.9457,
96.4123

■ 80.4450, 81.7183,
98.7224

Harmonies

Analogous

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



14.9439, 11.6745, 134.8274



26.0923, 11.6745, 88.0670



35.0226, 11.6745, 32.8803

Triad

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



26.0923, 11.6745, 88.0670



16.8357, 11.6745, 0.0000



1.5705, 11.6745, 25.4767

Complementary

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



26.0923, 11.6745, 88.0670



41.3158, 70.2158, 11.6337

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.



1.6815, 11.6745, 3.1376



26.0923, 11.6745, 88.0670



7.9732, 11.6745, 0.0000

Square

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



26.0923, 11.6745, 88.0670



28.0691, 11.6745, 0.0000



3.3407, 11.6745, 0.0000



2.8743, 11.6745, 77.1947

Rectangle

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



26.0923, 11.6745, 88.0670



36.6838, 11.6745, 10.9344



3.3407, 11.6745, 0.0000



1.4745, 11.6745, 14.6716

Sweetspot

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



26.0931, 11.6748, 88.0673



63.8334, 55.3667, 101.9302



24.4009, 22.0193, 90.1532



12.8730, 10.7676, 21.6498



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.



26.0931, 11.6748, 88.0673



27.4526, 12.0672, 95.4900



54.7384, 26.4420, 89.4079



16.3948, 16.3462, 20.8336



13.6849, 6.0292, 46.9805



1.3214, 0.5911, 4.1347

Inverse Universe

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



41.7412, 21.2431, 20.9655



44.8608, 22.7083, 20.9967



33.1178, 65.9895, 11.2500



16.8341, 16.6165, 18.8732



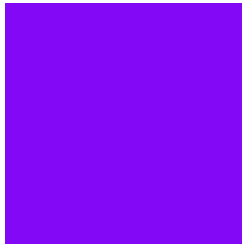
22.1453, 11.2015, 10.7393



1.9981, 1.0052, 1.2162

Previews

White Background



This preview shows how the XYZ color 26.0923, 11.6745, 88.0670 looks on a white background.

Color Contrast Check

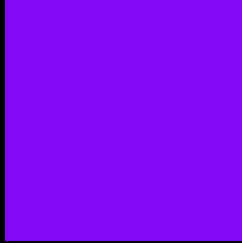
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0923, 11.6745, 88.0670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

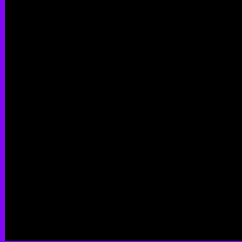
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0923, 11.6745, 88.0670

Background



This preview shows how black text looks on a background with the XYZ color 26.0923, 11.6745, 88.0670.



This preview shows how white text looks on a background with the XYZ color 26.0923, 11.6745,

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

26.0923, 11.6745, 88.0670

Protanopia

13.8782, 11.8142, 53.7735

Deuteranopia

11.5297, 11.7508, 38.7062



Tritanopia

11.4009, 11.7981, 14.7731

Trichromacy



Original Color

26.0923, 11.6745, 88.0670



Protanomaly

15.0791, 8.9287, 64.5470



Deuteranomaly

13.1309, 8.5103, 53.1751



Tritanomaly

14.0185, 9.2552, 32.5001

Monochromacy



Original Color

26.0923, 11.6745, 88.0670



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

9.9857, 6.2731, 23.6062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0923, 11.6745, 88.0670 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(131, 9, 246)` looks like.

```
.text, #text, p{  
    color:rgb(131, 9, 246)  
}
```

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(131, 9, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 9, 246) }
```

Border

The CSS property to change the border of an element to XYZ 26.0923, 11.6745, 88.0670 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(131, 9, 246) }
```


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

```
.border{ border-color:rgb(131, 9, 246) }
```

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

Here you see how a box with a 4 pixel rgb(131, 9, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 9, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 9, 246);  
box-shadow:4px 4px 4px 4px rgb(131, 9,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0923, 11.6745, 88.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 9, 246) }
```

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

```
.background{ background-color: rgb(131, 9,  
246) }
```

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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