

Converting Colors

XYZ(26.4176, 11.6678, 89.3836)

Have a look what the booklet for
XYZ(26.4176, 11.6678, 89.3836)
contains.

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Color

**XYZ(26.4590, 11.6828,
89.6674)**

Conversions

Conversions Part 1

Format	Color
Hex	8400F8
RGB	132, 0, 248
RGB Percent	52%, 0%, 97%
CMY	0.4823, 1.0000, 0.0274
CMYK	0.47, 1.00, 0.00, 0.03
HSL	272°, 100%, 49%
HSV	272°, 100%, 97%
XYZ	26.4590, 11.6828, 89.6674
YIQ	67.7400, -0.9360, 105.1120

Conversions

Conversions Part 2

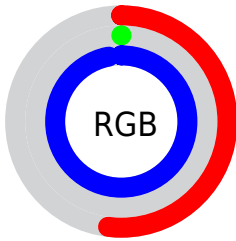
Format	Color
R_{YB}	132, 0, 248
Decimal	8651000
CIE _{Lab}	40.71, 82.05, -89.69
CIE _{LCh}	41, 121.558, 312.450
Yxy	11.6828, 0.2070, 0.0914
Android (android.graphics.Color)	4286841080 (0xFF8400F8)
YUV	67.7400, 88.8682, 56.3560
Hunter-Lab	34.1801, 78.3626, -131.6141

Details

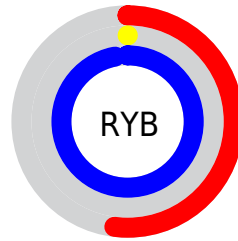
The XYZ color **26.4590, 11.6828, 89.6674** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **40.7693, 70.8477, 11.5262**, and the grayscale version is **5.3163, 5.5932, 6.0910**.

A 20% lighter version of the original color is **43.6489, 25.0086, 97.1343**, and **11.3442, 4.7745, 49.0389** is the 20% darker color. If you saturate the color by 10%, you get **26.4599, 11.6833, 89.6678**, and if you desaturate by 10%, it is **28.7194, 13.3579, 89.8719**.

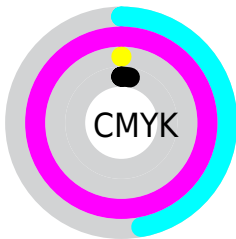
Distribution



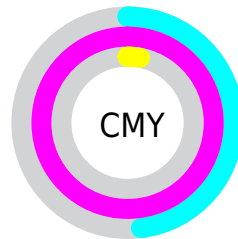
- Red (52%)
- Green (0%)
- Blue (97%)



- Red (52%)
- Yellow (0%)
- Blue (97%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)





- Cyan (48%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4590, 11.6828, 89.6674 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 26.4590, 11.6828, 89.6674 by changing the saturation by 10% instead.

 26.4590, 11.6828,
89.6674

 26.4590, 11.6828,
89.6674

277.2436,
202.2939, 547.4905


 17.3018, 6.5281,
67.1327


 53.4405, 28.9161,
148.8078


 10.5465, 3.1688,
48.7302


 71.9956, 41.7634,
186.2505


 5.8278, 1.2205,
34.0414


 94.4140, 57.9437,
229.4997

 2.7803, 0.0783,
22.6478

 121.0611, 77.8414,
278.9738

 1.0387, 0.0000,
14.1308

 152.3023,
101.8409, 335.0914

 0.0000, 0.0000,
8.0719

 188.5029,

 0.0000, 0.0000,

130.3265, 398.2710

4.0526

230.0282,
163.6827, 468.9312

■ 0.0000, 0.0000,
1.6542

■ 0.0000, 0.0000,
0.3291

■ 26.4590, 11.6828,
89.6674

■ 26.4590, 11.6828,
89.6674

■ 26.4599, 11.6833,
89.6678

■ 28.7194, 13.3579,
89.8719

■ 31.6238, 16.0133,
90.2314

■ 35.3139, 19.9226,
90.7915

■ 39.8770, 25.2518,
91.5796

■ 45.3870, 32.1402,
92.6188

■ 51.9089, 40.7102,
93.9292

■ 59.5015, 51.0716,
95.5290

■ 68.2185, 63.3244,
97.4346

■ 78.1099, 77.5614,
99.6613

Harmonies

Analogous

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



15.0723, 11.6828, 138.0611



26.4590, 11.6828, 89.6674



35.5734, 11.6828, 33.0615

Triad

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



26.4590, 11.6828, 89.6674



16.8863, 11.6828, 0.0000



1.5112, 11.6828, 25.9358

Complementary

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



26.4590, 11.6828, 89.6674



40.7693, 70.8477, 11.5262

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.



1.6145, 11.6828, 3.1071



26.4590, 11.6828, 89.6674



7.9018, 11.6828, 0.0000

Square

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



26.4590, 11.6828, 89.6674



28.3627, 11.6828, 0.0000



3.2558, 11.6828, 0.0000



2.8170, 11.6828, 79.1333

Rectangle

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



26.4590, 11.6828, 89.6674



37.2417, 11.6828, 10.7984



3.2558, 11.6828, 0.0000



1.4143, 11.6828, 14.8583

Sweetspot

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



26.4599, 11.6833, 89.6678



63.3495, 54.3542, 101.7603



23.6438, 20.1783, 91.4559



12.7983, 10.5859, 21.6187



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.



26.4599, 11.6833, 89.6678



28.1597, 12.4318, 95.5231



55.0205, 26.4801, 87.6934



17.1653, 17.0978, 21.7808



14.4572, 6.3957, 48.4461



1.4614, 0.6555, 4.4927

Inverse Universe

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



41.8636, 21.2174, 18.4104



44.5859, 22.5984, 19.5495



33.5902, 67.1441, 11.3084



17.5825, 17.3603, 19.6571



22.6841, 11.4894, 10.3109



2.1540, 1.0853, 1.2342

Previews

White Background



This preview shows how the XYZ color 26.4590, 11.6828, 89.6674 looks on a white background.

Color Contrast Check

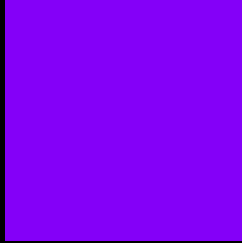
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4590, 11.6828, 89.6674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

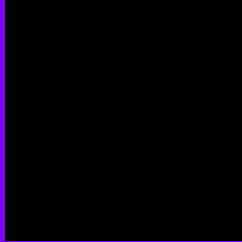
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4590, 11.6828, 89.6674

Background



This preview shows how black text looks on a background with the XYZ color 26.4590, 11.6828, 89.6674.



This preview shows how white text looks on a background with the XYZ color 26.4590, 11.6828,

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

26.4590, 11.6828, 89.6674

Protanopia

14.0807, 12.0366, 54.4045

Deuteranopia

11.7186, 11.9789, 39.2306



Tritanopia

11.5973, 12.0357, 14.8086

Trichromacy



Original Color

26.4590, 11.6828, 89.6674



Protanomaly

15.2295, 8.8180, 65.8651



Deuteranomaly

13.2454, 8.3724, 54.3440



Tritanomaly

14.0300, 9.0968, 32.4689

Monochromacy



Original Color

26.4590, 11.6828, 89.6674



Achromatopsia

5.4944, 5.7805, 6.2950



Achromatomaly

9.4119, 5.6454, 22.7839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4590, 11.6828, 89.6674 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(132, 0, 248)` looks like.

```
.text, #text, p{  
    color:rgb(132, 0, 248)  
}
```

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(132, 0, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 0, 248) }
```

Border

The CSS property to change the border of an element to XYZ 26.4590, 11.6828, 89.6674 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(132, 0, 248) }
```


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

```
.border{ border-color:rgb(132, 0, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 0, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 0, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 0, 248);  
box-shadow:4px 4px 4px 4px rgb(132, 0,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4590, 11.6828, 89.6674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 0, 248) }
```

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

```
.background{ background-color: rgb(132, 0,  
248) }
```

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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