

Converting Colors

XYZ(26.0029, 11.5932, 83.0718)

Have a look what the booklet for
XYZ(26.0029, 11.5932, 83.0718)
contains.

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Color

**XYZ(26.0447, 11.6096,
83.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	8900F0
RGB	137, 0, 240
RGB Percent	54%, 0%, 94%
CMY	0.4627, 1.0000, 0.0588
CMYK	0.43, 1.00, 0.00, 0.06
HSL	274°, 100%, 47%
HSV	274°, 100%, 94%
XYZ	26.0447, 11.6096, 83.3063
YIQ	68.3230, 4.6120, 103.6840

Conversions

Conversions Part 2

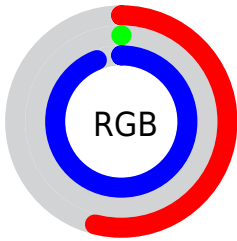
Format	Color
R_{YB}	137, 0, 240
Decimal	8978672
CIE _{Lab}	40.59, 80.84, -85.36
CIE _{LCh}	41, 117.565, 313.445
Yxy	11.6096, 0.2153, 0.0960
Android (android.graphics.Color)	4287168752 (0xFF8900F0)
YUV	68.3230, 84.6368, 60.2297
Hunter-Lab	34.0729, 76.8148, -121.1098

Details

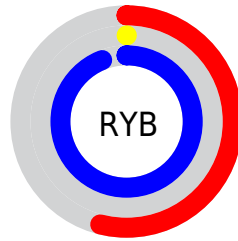
The XYZ color **26.0447, 11.6096, 83.3063** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **36.7533, 65.2038, 10.6485**, and the grayscale version is **5.4146, 5.6966, 6.2036**.

A 20% lighter version of the original color is **44.6964, 25.5486, 97.1834**, and **11.1160, 4.7551, 44.5879** is the 20% darker color. If you saturate the color by 10%, you get **26.0455, 11.6101, 83.3066**, and if you desaturate by 10%, it is **28.1421, 13.1758, 83.4984**.

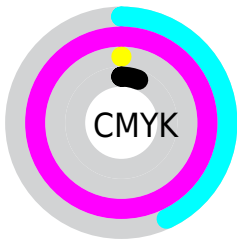
Distribution



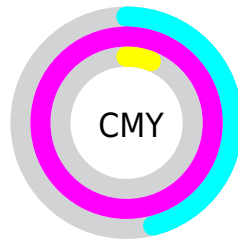
- Red (54%)
- Green (0%)
- Blue (94%)



- Red (54%)
- Yellow (0%)
- Blue (94%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)





- Cyan (46%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0447, 11.6096, 83.3063 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 26.0447, 11.6096, 83.3063 by changing the saturation by 10% instead.

 26.0447, 11.6096,
83.3063


 26.0447, 11.6096,
83.3063


275.2541,
201.8033, 526.0045


 16.9899, 6.4784,
61.9008


 52.7778, 28.7820,
139.8574


 10.3226, 3.1381,
44.5173


 71.1869, 41.5921,
175.8402


 5.6773, 1.2043,
30.7372


 93.4448, 57.7306,
217.5190

 2.6886, 0.0652,
20.1420

 119.9169, 77.5819,
265.3126

 0.9913, 0.0000,
12.3132

 150.9685,
101.5305, 319.6394

 0.0000, 0.0000,
6.8322

 186.9650,

 0.0000, 0.0000,

129.9606, 380.9179

3.2806

228.2718,
163.2568, 449.5668

■ 0.0000, 0.0000,
1.2396

■ 0.0000, 0.0000,
0.0115

■ 26.0447, 11.6096,
83.3063

■ 26.0447, 11.6096,
83.3063

■ 26.0455, 11.6101,
83.3066

■ 28.1421, 13.1758,
83.4984

■ 30.8079, 15.6342,
83.8324

■ 34.1735, 19.2403,
84.3510

■ 38.3178, 24.1461,
85.0795

■ 43.3078, 30.4796,
86.0390

■ 49.2023, 38.3530,
87.2481

■ 56.0542, 47.8668,
88.7233

■ 63.9123, 59.1131,
90.4799

■ 72.8214, 72.1768,
92.5318

Harmonies

Analogous

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



15.1756, 11.6096, 129.5156



26.0447, 11.6096, 83.3063



34.4828, 11.6096, 30.6436

Triad

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



26.0447, 11.6096, 83.3063



16.2340, 11.6096, 0.0000



1.6542, 11.6096, 26.5198

Complementary

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



26.0447, 11.6096, 83.3063



36.7533, 65.2038, 10.6485

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.



1.7183, 11.6096, 3.5792



26.0447, 11.6096, 83.3063



7.7250, 11.6096, 0.0000

Square

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



26.0447, 11.6096, 83.3063



27.1456, 11.6096, 0.0000



3.2975, 11.6096, 0.0000



3.0312, 11.6096, 77.2915

Rectangle

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



26.0447, 11.6096, 83.3063



35.8527, 11.6096, 10.0893



3.2975, 11.6096, 0.0000



1.5416, 11.6096, 15.5900

Sweetspot

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



26.0455, 11.6101, 83.3066



64.2464, 54.8166, 101.8023



20.6786, 16.1920, 84.4739



13.0110, 10.6956, 21.6286



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.



26.0455, 11.6101, 83.3066



29.8272, 13.2914, 95.6012



49.3899, 23.9072, 72.5327



15.7611, 15.6741, 19.9163



14.4131, 6.4356, 45.6104



1.3127, 0.5940, 3.7997

Inverse Universe

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



38.3833, 19.5045, 14.5726



44.0237, 22.3735, 16.5887



31.2538, 62.3579, 10.8792



16.0544, 15.8715, 17.8426



21.0752, 10.7025, 8.3124



1.8021, 0.9099, 0.9489

Previews

White Background



This preview shows how the XYZ color 26.0447, 11.6096, 83.3063 looks on a white background.

Color Contrast Check

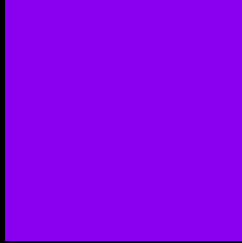
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0447, 11.6096, 83.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

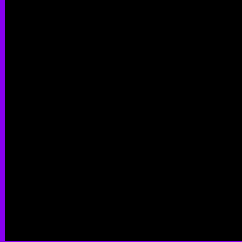
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0447, 11.6096, 83.3063

Background



This preview shows how black text looks on a background with the XYZ color 26.0447, 11.6096, 83.3063.



This preview shows how white text looks on a background with the XYZ color 26.0447, 11.6096,

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

26.0447, 11.6096, 83.3063

Protanopia

14.0807, 12.0366, 54.4045

Deuteranopia

11.7186, 11.9789, 39.2306



Tritanopia

12.1774, 11.9483, 13.9763

Trichromacy



Original Color

26.0447, 11.6096, 83.3063



Protanomaly

14.9415, 8.7139, 63.8452



Deuteranomaly

12.9991, 8.2850, 52.5438



Tritanomaly

14.6195, 9.2806, 30.7266

Monochromacy



Original Color

26.0447, 11.6096, 83.3063



Achromatopsia

5.4944, 5.7805, 6.2950



Achromatomaly

9.4748, 5.6936, 22.0723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0447, 11.6096, 83.3063 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(137, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(137, 0, 240)  
}
```

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(137, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 0, 240) }
```

Border

The CSS property to change the border of an element to XYZ 26.0447, 11.6096, 83.3063 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(137, 0, 240) }
```


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

```
.border{ border-color:rgb(137, 0, 240) }
```

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

Here you see how a box with a 4 pixel rgb(137, 0, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(137, 0,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0447, 11.6096, 83.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 0, 240) }
```

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

```
.background{ background-color: rgb(137, 0,  
240) }
```

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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