

Converting Colors

XYZ(26.3359, 11.6799, 88.7325)

Have a look what the booklet for
XYZ(26.3359, 11.6799, 88.7325)
contains.

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Color

**XYZ(26.3259, 11.6644,
88.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	8402F7
RGB	132, 2, 247
RGB Percent	52%, 1%, 97%
CMY	0.4823, 0.9922, 0.0314
CMYK	0.47, 0.99, 0.00, 0.03
HSL	272°, 98%, 49%
HSV	272°, 99%, 97%
XYZ	26.3259, 11.6644, 88.8596
YIQ	68.8000, -1.1650, 103.7550

Conversions

Conversions Part 2

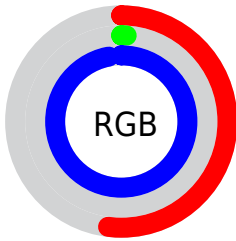
Format	Color
R_{YB}	132, 2, 247
Decimal	8651511
CIE Lab	40.68, 81.63, -89.18
CIE LCh	41, 120.896, 312.467
Yxy	11.6644, 0.2075, 0.0920
Android (android.graphics.Color)	4286841591 (0xFF8402F7)
YUV	68.8000, 87.8526, 55.4264
Hunter-Lab	34.1532, 77.8230, -130.3532

Details

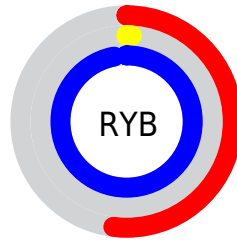
The XYZ color **26.3259, 11.6644, 88.8596** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **40.6068, 70.3075, 11.4878**, and the grayscale version is **5.4862, 5.7720, 6.2857**.

A 20% lighter version of the original color is **43.6489, 25.0086, 97.1343**, and **11.2997, 4.7641, 48.4681** is the 20% darker color. If you saturate the color by 10%, you get **26.1591, 11.5461, 88.8459**, and if you desaturate by 10%, it is **28.6051, 13.3786, 89.0707**.

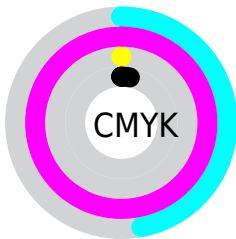
Distribution



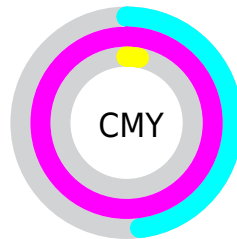
- Red (52%)
- Green (1%)
- Blue (97%)



- Red (52%)
- Yellow (1%)
- Blue (97%)



- Cyan (47%)
- Magenta (99%)
- Yellow (0%)
- Black (3%)





- Cyan (48%)
- Magenta (99%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3259, 11.6644, 88.8596 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 26.3259, 11.6644, 88.8596 by changing the saturation by 10% instead.

 26.3259, 11.6644,
88.8596


 26.3259, 11.6644,
88.8596

276.6057,
202.1707, 544.7882


 17.2016, 6.5156,
66.4668


 53.2278, 28.8824,
147.6750


 10.4745, 3.1611,
48.1926


 71.7361, 41.7204,
184.9346


 5.7794, 1.2164,
33.6183


 94.1030, 57.8902,
227.9870

 2.7508, 0.0750,
22.3256

 120.6941, 77.7762,
277.2506

 1.0234, 0.0000,
13.8957

 151.8745,
101.7629, 333.1440

 0.0000, 0.0000,
7.9103

 188.0097,

 0.0000, 0.0000,

130.2346, 396.0857

3.9506

229.4649,
163.5757, 466.4943

■ 0.0000, 0.0000,
1.5983

■ 0.0000, 0.0000,
0.2896

■ 26.3259, 11.6644,
88.8596

■ 26.3259, 11.6644,
88.8596

■ 26.1591, 11.5461,
88.8459

■ 28.6051, 13.3786,
89.0707

■ 31.5441, 16.1054,
89.4421

■ 35.2705, 20.0896,
90.0147

■ 39.8694, 25.4930,
90.8153

■ 45.4131, 32.4521,
91.8663

■ 51.9657, 41.0867,
93.1876

■ 59.5847, 51.5048,
94.7970

■ 68.3232, 63.8049,
96.7105

■ 78.2304, 78.0781,
98.9434

Harmonies

Analogous

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



15.0330, 11.6644, 136.7150



26.3259, 11.6644, 88.8596



35.3521, 11.6644, 32.8510

Triad

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



26.3259, 11.6644, 88.8596



16.8210, 11.6644, 0.0000



1.5303, 11.6644, 25.8365

Complementary

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



26.3259, 11.6644, 88.8596



40.6068, 70.3075, 11.4878

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.



1.6331, 11.6644, 3.1351



26.3259, 11.6644, 88.8596



7.8995, 11.6644, 0.0000

Square

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



26.3259, 11.6644, 88.8596



28.1996, 11.6644, 0.0000



3.2734, 11.6644, 0.0000



2.8381, 11.6644, 78.5126

Rectangle

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



26.3259, 11.6644, 88.8596



37.0006, 11.6644, 10.7776



3.2734, 11.6644, 0.0000



1.4329, 11.6644, 14.8397

Sweetspot

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



26.3267, 11.6647, 88.8599



63.3117, 54.3348, 101.7585



23.5800, 20.2613, 90.6640



12.7893, 10.5813, 21.6183



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.



26.3267, 11.6647, 88.8599



28.0921, 12.3969, 95.5200



54.5447, 26.2836, 86.9267



16.4207, 16.3596, 20.8348



14.0003, 6.1917, 46.9953



1.3491, 0.6053, 4.1360

Inverse Universe

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



41.5900, 21.1017, 18.7081



44.6112, 22.6085, 19.6826



33.3192, 66.5480, 11.2635



16.8229, 16.6120, 18.8138



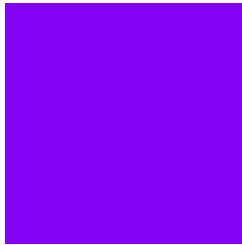
22.0217, 11.1521, 10.0886



1.9870, 1.0007, 1.1577

Previews

White Background



This preview shows how the XYZ color 26.3259, 11.6644, 88.8596 looks on a white background.

Color Contrast Check

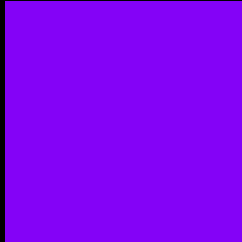
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3259, 11.6644, 88.8596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

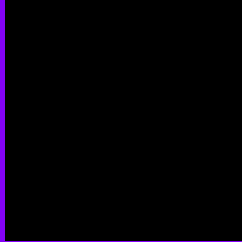
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.3259, 11.6644, 88.8596

Background



This preview shows how black text looks on a background with the XYZ color 26.3259, 11.6644, 88.8596.



This preview shows how white text looks on a background with the XYZ color 26.3259, 11.6644,

88.8596.

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

26.3259, 11.6644, 88.8596

Protanopia

14.0807, 12.0366, 54.4045

Deuteranopia

11.7186, 11.9789, 39.2306



Tritanopia

11.5054, 11.8520, 14.7780

Trichromacy



Original Color

26.3259, 11.6644, 88.8596

Protanomaly

15.1534, 8.8722, 65.2038

Deuteranomaly

13.1304, 8.3264, 53.7384

Tritanomaly

14.0300, 9.0968, 32.4689

Monochromacy



Original Color

26.3259, 11.6644, 88.8596

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

9.6551, 5.8733, 23.1790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3259, 11.6644, 88.8596 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, 2, 247)` looks like.

```
.text, #text, p{  
    color:rgb(132, 2, 247)  
}
```

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, 2, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 2, 247) }
```

Border

The CSS property to change the border of an element to XYZ 26.3259, 11.6644, 88.8596 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, 2, 247) }
```


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

```
.border{ border-color:rgb(132, 2, 247) }
```

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

Here you see how a box with a 4 pixel rgb(132, 2, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 2, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 2, 247);  
box-shadow:4px 4px 4px 4px rgb(132, 2,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3259, 11.6644, 88.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 2, 247) }
```

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

```
.background{ background-color: rgb(132, 2,  
247) }
```

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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