

Converting Colors

XYZ(26.4094, 11.8994, 78.7511)

Have a look what the booklet for
XYZ(26.4094, 11.8994, 78.7511)
contains.

XYZ(26.3529, 11.8698, 78.7441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.3529, 11.8698,
78.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	9000EA
RGB	144, 0, 234
RGB Percent	56%, 0%, 92%
CMY	0.4353, 1.0000, 0.0824
CMYK	0.38, 1.00, 0.00, 0.08
HSL	277°, 100%, 46%
HSV	277°, 100%, 92%
XYZ	26.3529, 11.8698, 78.7441
YIQ	69.7320, 10.7100, 103.3020

Conversions

Conversions Part 2

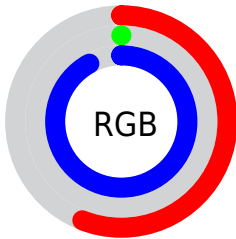
Format	Color
R _Y B	144, 0, 234
Decimal	9437418
CIE Lab	41.01, 80.31, -81.23
CIE LCh	41, 114.229, 314.674
Yxy	11.8698, 0.2253, 0.1015
Android (android.graphics.Color)	4287627498 (0xFF9000EA)
YUV	69.7320, 80.9841, 65.1330
Hunter-Lab	34.4526, 76.2433, -111.3952

Details

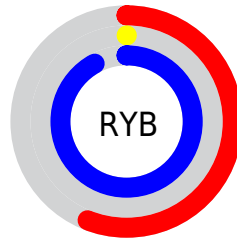
The XYZ color **26.3529, 11.8698, 78.7441** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **33.6390, 61.0194, 10.0050**, and the grayscale version is **5.6469, 5.9410, 6.4698**.

A 20% lighter version of the original color is **46.3972, 26.5398, 97.2850**, and **11.3292, 4.9237, 41.9482** is the 20% darker color. If you saturate the color by 10%, you get **26.3537, 11.8702, 78.7444**, and if you desaturate by 10%, it is **28.3033, 13.3420, 78.9258**.

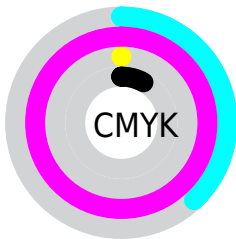
Distribution



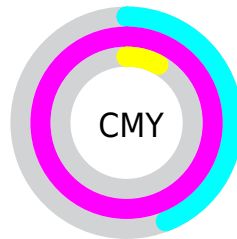
- Red (56%)
- Green (0%)
- Blue (92%)



- Red (56%)
- Yellow (0%)
- Blue (92%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)





- Cyan (44%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3529, 11.8698, 78.7441 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 26.3529, 11.8698, 78.7441 by changing the saturation by 10% instead.

 26.3529, 11.8698,
78.7441

 26.3529, 11.8698,
78.7441


276.7352,
203.5414, 510.2849


 17.2219, 6.6551,
58.1654


 53.2710, 29.2578,
133.3939

 10.4891, 3.2473,
41.5260


 71.7887, 42.1998,
168.3021


 5.7892, 1.2622,
28.4075


 94.1662, 58.4864,
208.8239

 2.7568, 0.1116,
18.3914

 120.7686, 78.5019,
255.3777

 1.0265, 0.0000,
11.0590

 151.9613,
102.6308, 308.3822

 0.0000, 0.0000,
5.9919

 188.1098,

 0.0000, 0.0000,

131.2574, 368.2559

2.7714

229.5793,
164.7661, 435.4173

■ 0.0000, 0.0000,
0.9791

■ 0.0000, 0.0000,
0.0000

■ 26.3529, 11.8698,
78.7441

■ 26.3529, 11.8698,
78.7441

■ 26.3537, 11.8702,
78.7444

■ 28.3033, 13.3420,
78.9258

■ 30.7609, 15.6394,
79.2397

■ 33.8493, 19.0042,
79.7264

■ 37.6416, 23.5786,
80.4094

■ 42.1995, 29.4823,
81.3087

■ 47.5772, 36.8199,
82.4416

■ 53.8237, 45.6857,
83.8236

■ 60.9835, 56.1654,
85.4691

■ 69.0980, 68.3384,
87.3910

Harmonies

Analogous

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



15.7552, 11.8698, 123.8862



26.3529, 11.8698, 78.7441



34.2756, 11.8698, 28.8674

Triad

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



26.3529, 11.8698, 78.7441



15.9724, 11.8698, 0.0000



1.8801, 11.8698, 28.0285

Complementary

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



26.3529, 11.8698, 78.7441



33.6390, 61.0194, 10.0050

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.



1.8942, 11.8698, 4.2980



26.3529, 11.8698, 78.7441



7.7473, 11.8698, 0.0000

Square

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



26.3529, 11.8698, 78.7441



26.5766, 11.8698, 0.0000



3.4416, 11.8698, 0.0000



3.3844, 11.8698, 77.5396

Rectangle

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



26.3529, 11.8698, 78.7441



35.3507, 11.8698, 9.5894



3.4416, 11.8698, 0.0000



1.7439, 11.8698, 16.9543

Sweetspot

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



26.3537, 11.8702, 78.7444



65.3020, 55.3608, 101.8517



18.8186, 13.8750, 79.5285



13.2620, 10.8250, 21.6404



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.



26.3537, 11.8702, 78.7444



31.9404, 14.3808, 95.7001



45.6397, 22.1756, 63.2405



15.1213, 15.0078, 19.0221



14.9539, 6.7450, 44.2567



1.2811, 0.5847, 3.4802

Inverse Universe

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



35.7771, 18.2306, 11.3053



43.4480, 22.1432, 13.5574



29.5816, 58.9094, 10.6433



15.3052, 15.1499, 16.8926



20.1617, 10.2674, 6.6527



1.6289, 0.8245, 0.7632

Previews

White Background



This preview shows how the XYZ color 26.3529, 11.8698, 78.7441 looks on a white background.

Color Contrast Check

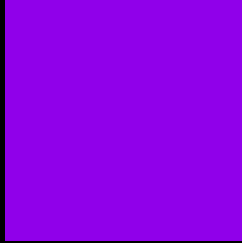
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3529, 11.8698, 78.7441 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 26.3529, 11.8698, 78.7441

Background



This preview shows how black text looks on a background with the XYZ color 26.3529, 11.8698, 78.7441.



This preview shows how white text looks on a background with the XYZ color 26.3529, 11.8698,

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

26.3529, 11.8698, 78.7441

Protanopia

14.5175, 12.3545, 56.2631

Deuteranopia

12.1001, 12.2859, 40.7634



Tritanopia

13.1481, 12.0770, 13.1934

Trichromacy



Original Color

26.3529, 11.8698, 78.7441



Protanomaly

14.9157, 8.7152, 63.1834



Deuteranomaly

13.0999, 8.3370, 52.5485



Tritanomaly

15.3837, 9.5683, 28.6398

Monochromacy



Original Color

26.3529, 11.8698, 78.7441



Achromatopsia

5.8214, 6.1246, 6.6697



Achromatomaly

9.8974, 6.0299, 21.7613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3529, 11.8698, 78.7441 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(144, 0, 234)` looks like.

```
.text, #text, p{  
    color:rgb(144, 0, 234)  
}
```

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(144, 0, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 234) }
```

Border

The CSS property to change the border of an element to XYZ 26.3529, 11.8698, 78.7441 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(144, 0, 234) }
```


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

```
.border{ border-color:rgb(144, 0, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 0, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 0, 234);  
box-shadow:4px 4px 4px 4px rgb(144, 0,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3529, 11.8698, 78.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 234) }
```

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

```
.background{ background-color: rgb(144, 0,  
234) }
```

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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