

Converting Colors

XYZ(25.4081, 11.2987, 82.4996)

Have a look what the booklet for
XYZ(25.4081, 11.2987, 82.4996)
contains.

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Color

**XYZ(25.4115, 11.3003,
82.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	8600EF
RGB	134, 0, 239
RGB Percent	53%, 0%, 94%
CMY	0.4745, 1.0000, 0.0627
CMYK	0.44, 1.00, 0.00, 0.06
HSL	274°, 100%, 47%
HSV	274°, 100%, 94%
XYZ	25.4115, 11.3003, 82.5032
YIQ	67.3120, 3.1450, 102.7370

Conversions

Conversions Part 2

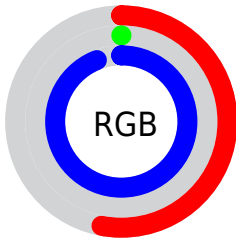
Format	Color
R_{YB}	134, 0, 239
Decimal	8782063
CIE _{Lab}	40.08, 80.38, -85.64
CIE _{LCh}	40, 117.451, 313.183
Yxy	11.3003, 0.2132, 0.0948
Android (android.graphics.Color)	4286972143 (0xFF8600EF)
YUV	67.3120, 84.6422, 58.4854
Hunter-Lab	33.6159, 76.1068, -121.9837

Details

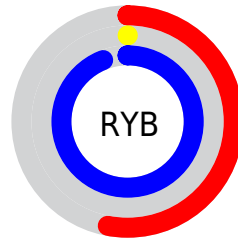
The XYZ color **25.4115, 11.3003, 82.5032** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **36.6918, 64.7362, 10.5615**, and the grayscale version is **5.2550, 5.5287, 6.0207**.

A 20% lighter version of the original color is **43.8322, 24.9903, 97.1211**, and **10.7244, 4.5651, 44.0320** is the 20% darker color. If you saturate the color by 10%, you get **25.4123, 11.3007, 82.5035**, and if you desaturate by 10%, it is **27.4945, 12.8560, 82.6940**.

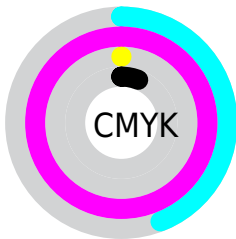
Distribution



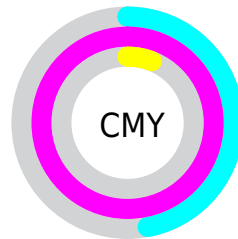
- Red (53%)
- Green (0%)
- Blue (94%)



- Red (53%)
- Yellow (0%)
- Blue (94%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)





- Cyan (47%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4115, 11.3003, 82.5032 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 25.4115, 11.3003, 82.5032 by changing the saturation by 10% instead.


 25.4115, 11.3003,
82.5032

 25.4115, 11.3003,
82.5032


272.1911,
199.7164, 523.2569


 16.5143, 6.2692,
61.2422


 51.7621, 28.2142,
138.7224

 9.9819, 3.0095,
43.9888


 69.9462, 40.8657,
174.5177


 5.4492, 1.1367,
30.3246


 91.9566, 56.8262,
215.9949

 2.5506, 0.0090,
19.8309

 118.1587, 76.4800,
263.5724

 0.9208, 0.0000,
12.0894

 148.9179,
100.2115, 317.6688

 0.0000, 0.0000,
6.6813

 184.5994,

 0.0000, 0.0000,

128.4051, 378.7026

3.1882

225.5687,
161.4453, 447.0925

■ 0.0000, 0.0000,
1.1915

■ 0.0000, 0.0000,
0.0000

■ 25.4115, 11.3003,
82.5032

■ 25.4115, 11.3003,
82.5032

■ 25.4123, 11.3007,
82.5035

■ 27.4945, 12.8560,
82.6940

■ 30.1472, 15.2986,
83.0256

■ 33.5001, 18.8815,
83.5405

■ 37.6317, 23.7554,
84.2635

■ 42.6086, 30.0472,
85.2156

■ 48.4892, 37.8679,
86.4152

■ 55.3264, 47.3174,
87.8788

■ 63.1684, 58.4867,
89.6214

■ 72.0601, 71.4600,
91.6568

Harmonies

Analogous

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



14.7215, 11.3003, 127.9419



25.4115, 11.3003, 82.5032



33.7773, 11.3003, 30.3681

Triad

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



25.4115, 11.3003, 82.5032



15.9364, 11.3003, 0.0000



1.5714, 11.3003, 25.6245

Complementary

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



25.4115, 11.3003, 82.5032



36.6918, 64.7362, 10.5615

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.



1.6438, 11.3003, 3.3570



25.4115, 11.3003, 82.5032



7.5511, 11.3003, 0.0000

Square

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



25.4115, 11.3003, 82.5032



26.6781, 11.3003, 0.0000



3.1943, 11.3003, 0.0000



2.8917, 11.3003, 75.5603

Rectangle

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



25.4115, 11.3003, 82.5032



35.1816, 11.3003, 9.9784



3.1943, 11.3003, 0.0000



1.4660, 11.3003, 14.9658

Sweetspot

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



25.4123, 11.3007, 82.5035



64.0086, 54.6940, 101.7911



20.8953, 16.8625, 83.8151



12.9545, 10.6665, 21.6260



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.



25.4123, 11.3007, 82.5035



29.3735, 13.0575, 95.5799



49.4688, 23.8996, 74.7153



15.7452, 15.6659, 19.9156



14.1968, 6.3241, 45.6003



1.2951, 0.5849, 3.7989

Inverse Universe

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



38.1463, 19.3706, 15.0918



44.1660, 22.4304, 17.3381



30.9327, 61.7597, 10.6367



16.0612, 15.8742, 17.8787



21.1439, 10.7300, 8.6741



1.8081, 0.9123, 0.9806

Previews

White Background



This preview shows how the XYZ color 25.4115, 11.3003, 82.5032 looks on a white background.

Color Contrast Check

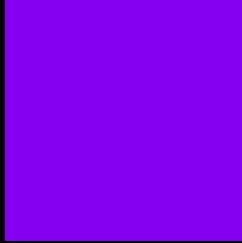
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4115, 11.3003, 82.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

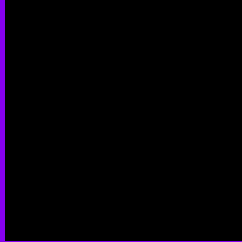
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4115, 11.3003, 82.5032

Background



This preview shows how black text looks on a background with the XYZ color 25.4115, 11.3003, 82.5032.



This preview shows how white text looks on a background with the XYZ color 25.4115, 11.3003,

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

25.4115, 11.3003, 82.5032

Protanopia

13.7647, 11.7688, 53.1759

Deuteranopia

11.4369, 11.7137, 38.2174



Tritanopia

11.7428, 11.5931, 13.9307

Trichromacy



Original Color

25.4115, 11.3003, 82.5032

Protanomaly

14.5885, 8.4840, 62.4967

Deuteranomaly

12.6698, 8.0582, 51.3397

Tritanomaly

14.0893, 8.9397, 30.2611

Monochromacy



Original Color

25.4115, 11.3003, 82.5032

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

9.2075, 5.5636, 21.7077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4115, 11.3003, 82.5032 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(134, 0, 239)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 239)  
}
```

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(134, 0, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 239) }
```

Border

The CSS property to change the border of an element to XYZ 25.4115, 11.3003, 82.5032 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(134, 0, 239) }
```


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

```
.border{ border-color:rgb(134, 0, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 0, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 239);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4115, 11.3003, 82.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 239) }
```

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

```
.background{ background-color: rgb(134, 0,  
239) }
```

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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