

Converting Colors

XYZ(25.1273, 11.0532, 87.0353)

Have a look what the booklet for
XYZ(25.1273, 11.0532, 87.0353)
contains.

XYZ(25.0856, 11.0282, 87.1927)	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(25.0856, 11.0282,
87.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	7E00F5
RGB	126, 0, 245
RGB Percent	49%, 0%, 96%
CMY	0.5059, 1.0000, 0.0392
CMYK	0.49, 1.00, 0.00, 0.04
HSL	271°, 100%, 48%
HSV	271°, 100%, 96%
XYZ	25.0856, 11.0282, 87.1927
YIQ	65.6040, -3.5490, 102.9070

Conversions

Conversions Part 2

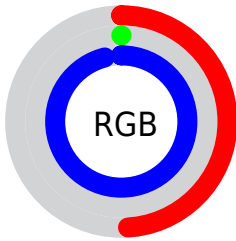
Format	Color
R_{YB}	126, 0, 245
Decimal	8257781
CIE _{Lab}	39.63, 80.95, -89.81
CIE _{LCh}	40, 120.911, 312.028
Yxy	11.0282, 0.2034, 0.0894
Android (android.graphics.Color)	4286447861 (0xFF7E00F5)
YUV	65.6040, 88.4422, 52.9673
Hunter-Lab	33.2087, 76.7221, -132.4254

Details

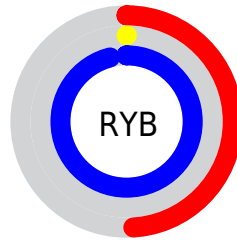
The XYZ color **25.0856, 11.0282, 87.1927** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **40.2596, 69.2266, 11.2402**, and the grayscale version is **4.9866, 5.2463, 5.7132**.

A 20% lighter version of the original color is **42.0536, 24.0734, 97.0379**, and **10.5452, 4.4001, 47.3072** is the 20% darker color. If you saturate the color by 10%, you get **25.0865, 11.0286, 87.1930**, and if you desaturate by 10%, it is **27.2840, 12.6618, 87.3925**.

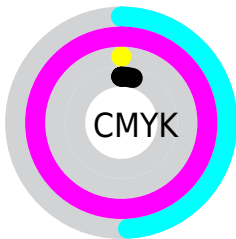
Distribution



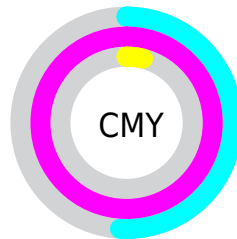
- Red (49%)
- Green (0%)
- Blue (96%)



- Red (49%)
- Yellow (0%)
- Blue (96%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)





- Cyan (51%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0856, 11.0282, 87.1927 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 25.0856, 11.0282, 87.1927 by changing the saturation by 10% instead.


 25.0856, 11.0282,
87.1927


 25.0856, 11.0282,
87.1927


270.6037,
197.8609, 539.1885


 16.2699, 6.0858,
65.0942


 51.2380, 27.7123,
145.3339


 9.8074, 2.8973,
47.0856


 69.3053, 40.2228,
182.2137


 5.3327, 1.0784,
32.7485


 91.1873, 56.0248,
224.8576

 2.4805, 0.0000,
21.6643

 117.2492, 75.5027,
273.6843

 0.8855, 0.0000,
13.4145

 147.8565, 99.0408,
329.1121

 0.0000, 0.0000,
7.5805

 183.3744,

 0.0000, 0.0000,

127.0237, 391.5598

3.7438

224.1684,
159.8356, 461.4457

■ 0.0000, 0.0000,
1.4859

■ 0.0000, 0.0000,
0.2074

■ 25.0856, 11.0282,
87.1927

■ 25.0856, 11.0282,
87.1927

■ 25.0865, 11.0286,
87.1930

■ 27.2840, 12.6618,
87.3925

■ 30.1215, 15.2547,
87.7434

■ 33.7372, 19.0741,
88.2900

■ 38.2165, 24.2812,
89.0590

■ 43.6317, 31.0118,
90.0727

■ 50.0467, 39.3848,
91.3508

■ 57.5191, 49.5072,
92.9108

■ 66.1016, 61.4764,
94.7687

■ 75.8434, 75.3827,
96.9394

Harmonies

Analogous

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



14.1458, 11.0282, 133.6978



25.0856, 11.0282, 87.1927



33.9571, 11.0282, 32.1776

Triad

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



25.0856, 11.0282, 87.1927



16.1755, 11.0282, 0.0000



1.3645, 11.0282, 24.1754

Complementary

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



25.0856, 11.0282, 87.1927



40.2596, 69.2266, 11.2402

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.



1.4767, 11.0282, 2.7392



25.0856, 11.0282, 87.1927



7.5126, 11.0282, 0.0000

Square

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



25.0856, 11.0282, 87.1927



27.2240, 11.0282, 0.0000



3.0465, 11.0282, 0.0000



2.5643, 11.0282, 75.2926

Rectangle

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



25.0856, 11.0282, 87.1927



35.6569, 11.0282, 10.4714



3.0465, 11.0282, 0.0000



1.2794, 11.0282, 13.6877

Sweetspot

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



25.0865, 11.0286, 87.1930



62.9370, 54.1416, 101.7410



23.5026, 20.6348, 89.1307



12.7007, 10.5356, 21.6141



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.



25.0865, 11.0286, 87.1930



27.4330, 12.0571, 95.4891



54.1378, 26.0051, 88.5526



16.3940, 16.3458, 20.8336



13.6752, 6.0242, 46.9800



1.3206, 0.5906, 4.1346

Inverse Universe

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



40.9858, 20.7443, 19.2951



44.8687, 22.7115, 21.0386



32.6525, 65.3051, 10.8842



16.8345, 16.6167, 18.8751



22.1492, 11.2031, 10.7601



1.9984, 1.0053, 1.2181

Previews

White Background



This preview shows how the XYZ color 25.0856, 11.0282, 87.1927 looks on a white background.

Color Contrast Check

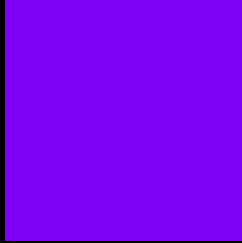
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0856, 11.0282, 87.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

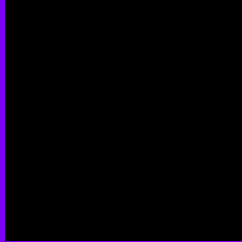
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0856, 11.0282, 87.1927

Background



This preview shows how black text looks on a background with the XYZ color 25.0856, 11.0282, 87.1927.



This preview shows how white text looks on a background with the XYZ color 25.0856, 11.0282,

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

25.0856, 11.0282, 87.1927

Protanopia

13.3416, 11.4601, 51.3780

Deuteranopia

10.9755, 11.2297, 36.7110



Tritanopia

10.5649, 11.2384, 14.4444

Trichromacy



Original Color

25.0856, 11.0282, 87.1927

Protanomaly

14.4485, 8.4119, 62.4902

Deuteranomaly

12.4750, 7.8763, 51.3149

Tritanomaly

13.0117, 8.4231, 31.9504

Monochromacy



Original Color

25.0856, 11.0282, 87.1927

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

8.9492, 5.3693, 22.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0856, 11.0282, 87.1927 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(126, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(126, 0, 245)  
}
```

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(126, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 0, 245) }
```

Border

The CSS property to change the border of an element to XYZ 25.0856, 11.0282, 87.1927 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(126, 0, 245) }
```


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

```
.border{ border-color:rgb(126, 0, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 0, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(126, 0,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0856, 11.0282, 87.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 0, 245) }
```

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

```
.background{ background-color: rgb(126, 0,  
245) }
```

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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