

Converting Colors

XYZ(25.4754, 11.8857, 79.5487)

Have a look what the booklet for
XYZ(25.4754, 11.8857, 79.5487)
contains.

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Color

**XYZ(25.4754, 11.8857,
79.5487)**

Conversions

Conversions Part 1

Format	Color
Hex	8818EB
RGB	136, 24, 235
RGB Percent	53%, 9%, 92%
CMY	0.4666, 0.9059, 0.0784
CMYK	0.42, 0.90, 0.00, 0.08
HSL	272°, 84%, 51%
HSV	272°, 90%, 92%
XYZ	25.4754, 11.8857, 79.5487
YIQ	81.5420, -0.9790, 89.3650

Conversions

Conversions Part 2

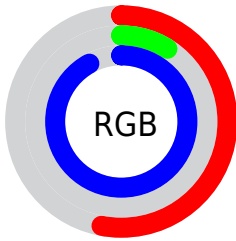
Format	Color
R_{YB}	136, 24, 235
Decimal	8919275
CIE _{Lab}	41.03, 76.54, -81.80
CIE _{LCh}	41, 112.023, 313.099
Yxy	11.8857, 0.2179, 0.1017
Android (android.graphics.Color)	4287109355 (0xFF8818EB)
YUV	81.5420, 75.6548, 47.7597
Hunter-Lab	34.4756, 71.5682, -112.6721

Details

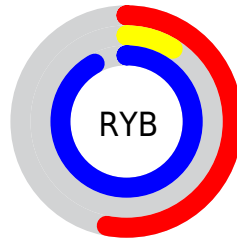
The XYZ color **25.4754, 11.8857, 79.5487** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **38.0409, 63.6934, 11.1532**, and the grayscale version is **7.7837, 8.1890, 8.9178**.

A 20% lighter version of the original color is **44.7321, 26.4026, 97.3463**, and **10.7084, 4.5921, 42.4414** is the 20% darker color. If you saturate the color by 10%, you get **23.4552, 10.3674, 79.3624**, and if you desaturate by 10%, it is **28.0700, 14.2772, 79.8738**.

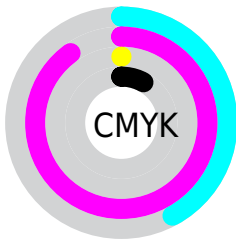
Distribution



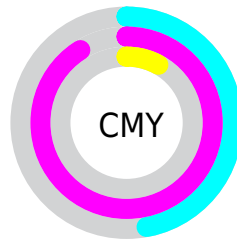
- Red (53%)
- Green (9%)
- Blue (92%)



- Red (53%)
- Yellow (9%)
- Blue (92%)



- Cyan (42%)
- Magenta (90%)
- Yellow (0%)
- Black (8%)



- Cyan (47%)
- Magenta (91%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4754, 11.8857, 79.5487 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 25.4754, 11.8857, 79.5487 by changing the saturation by 10% instead.

■ 25.4754, 11.8857,
79.5487

■ 25.4754, 11.8857,
79.5487

272.5014,
203.6471, 513.0772

■ 16.5622, 6.6659,
58.8231

■ 51.8648, 29.2868,
134.5367

■ 10.0162, 3.2540,
42.0516

■ 70.0717, 42.2368,
169.6362

■ 5.4721, 1.2658,
28.8159

■ 92.1072, 58.5324,
210.3640

■ 2.5644, 0.1145,
18.6972

■ 118.3367, 78.5579,
257.1387

■ 0.9278, 0.0000,
11.2771

■ 149.1255,
102.6977, 310.3788

■ 0.0000, 0.0000,
6.1370

■ 184.8390,

■ 0.0000, 0.0000,

131.3363, 370.5029

2.8584

225.8425,
164.8579, 437.9295

■ 0.0000, 0.0000,
1.0228

■ 0.0000, 0.0000,
0.0000

■ 25.4754, 11.8857,
79.5487

■ 25.4754, 11.8857,
79.5487

■ 23.4552, 10.3674,
79.3624

■ 28.0700, 14.2772,
79.8738

■ 23.4157, 10.3390,
79.3590

■ 31.3601, 17.7793,
80.3764

■ 35.4223, 22.5367,
81.0806

■ 40.3210, 28.6710,
82.0064

■ 46.1132, 36.2890,
83.1716

■ 52.8503, 45.4868,
84.5918

■ 60.5793, 56.3519,
86.2817

■ 69.3440, 68.9655,
88.2544

■ 79.1854, 83.4033,
90.5225

Harmonies

Analogous

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



15.1710, 11.8857, 121.4968



25.4754, 11.8857, 79.5487



33.4525, 11.8857, 30.5283

Triad

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



25.4754, 11.8857, 79.5487



16.4077, 11.8857, 0.0000



1.9435, 11.8857, 25.7763

Complementary

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



25.4754, 11.8857, 79.5487



38.0409, 63.6934, 11.1532

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.



2.0267, 11.8857, 3.8717



25.4754, 11.8857, 79.5487



8.1459, 11.8857, 0.0000

Square

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



25.4754, 11.8857, 79.5487



26.7416, 11.8857, 0.0000



3.6894, 11.8857, 0.0000



3.3564, 11.8857, 72.7878

Rectangle

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



25.4754, 11.8857, 79.5487



34.7991, 11.8857, 10.6945



3.6894, 11.8857, 0.0000



1.8286, 11.8857, 15.4830

Sweetspot

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



25.4761, 11.8860, 79.5490



65.9788, 58.0410, 102.3333



22.8308, 21.1097, 81.4688



13.4753, 11.5239, 21.7641



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.



25.4761, 11.8860, 79.5490



28.0999, 12.4009, 95.5203



49.0799, 24.1124, 78.0273



14.9946, 14.9425, 19.0161



13.1807, 5.8308, 44.1737



1.1460, 0.5151, 3.4739

Inverse Universe

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



38.1625, 19.7454, 20.5371



44.6083, 22.6073, 19.6671



30.2890, 59.6926, 10.9939



15.3596, 15.1717, 17.1790



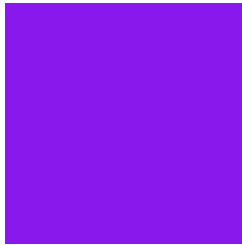
20.7052, 10.4848, 9.5151



1.6741, 0.8426, 1.0011

Previews

White Background



This preview shows how the XYZ color 25.4754, 11.8857, 79.5487 looks on a white background.

Color Contrast Check

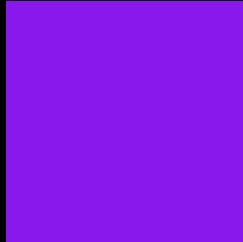
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4754, 11.8857, 79.5487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

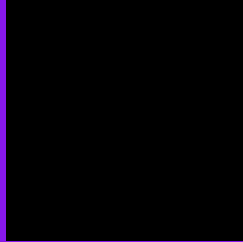
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 25.4754, 11.8857, 79.5487

Background



This preview shows how black text looks on a background with the XYZ color 25.4754, 11.8857, 79.5487.



This preview shows how white text looks on a background with the XYZ color 25.4754, 11.8857,

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

25.4754, 11.8857, 79.5487

Protanopia

14.0807, 12.0366, 54.4045

Deuteranopia

11.8129, 12.0166, 39.7270



Tritanopia

12.2955, 12.0092, 13.9819

Trichromacy



Original Color

25.4754, 11.8857, 79.5487



Protanomaly

15.1526, 9.6124, 62.6848



Deuteranomaly

13.3216, 9.1827, 52.1093



Tritanomaly

14.9693, 10.2402, 30.0417

Monochromacy



Original Color

25.4754, 11.8857, 79.5487



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

11.7357, 7.9972, 24.9698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4754, 11.8857, 79.5487 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(136, 24, 235)` looks like.

```
.text, #text, p{  
    color:rgb(136, 24, 235)  
}
```

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(136, 24, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 24, 235) }
```

Border

The CSS property to change the border of an element to XYZ 25.4754, 11.8857, 79.5487 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(136, 24, 235) }
```


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

```
.border{ border-color:rgb(136, 24, 235) }
```

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

Here you see how a box with a 4 pixel rgb(136, 24, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 24, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 24, 235);  
box-shadow:4px 4px 4px 4px rgb(136, 24,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4754, 11.8857, 79.5487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 24, 235) }
```

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

```
.background{ background-color: rgb(136, 24,  
235) }
```

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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