

Converting Colors

XYZ(25.1415, 11.3496, 79.4643)

Have a look what the booklet for
XYZ(25.1415, 11.3496, 79.4643)
contains.

XYZ(25.0739, 11.3227, 79.4612)	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(25.0739, 11.3227,
79.4612)**

Conversions

Conversions Part 1

Format	Color
Hex	8708EB
RGB	135, 8, 235
RGB Percent	53%, 3%, 92%
CMY	0.4706, 0.9686, 0.0784
CMYK	0.43, 0.97, 0.00, 0.08
HSL	274°, 93%, 48%
HSV	274°, 97%, 92%
XYZ	25.0739, 11.3227, 79.4612
YIQ	71.8510, 2.8250, 97.5210

Conversions

Conversions Part 2

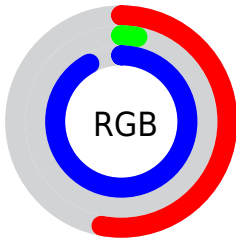
Format	Color
RYB	135, 8, 235
Decimal	8849643
CIELab	40.12, 78.78, -83.31
CIElCh	40, 114.661, 313.401
Yxy	11.3227, 0.2164, 0.0977
Android (android.graphics.Color)	4287039723 (0xFF8708EB)
YUV	71.8510, 80.4325, 55.3817
Hunter-Lab	33.6492, 74.1241, -116.4564

Details

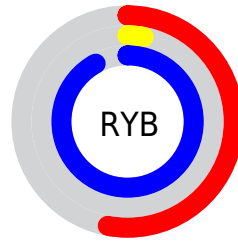
The XYZ color **25.0739, 11.3227, 79.4612** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **35.9354, 62.6219, 10.4228**, and the grayscale version is **6.0006, 6.3131, 6.8750**.

A 20% lighter version of the original color is **44.2463, 25.4310, 97.1844**, and **10.5617, 4.5164, 42.4346** is the 20% darker color. If you saturate the color by 10%, you get **24.4305, 10.8621, 79.4065**, and if you desaturate by 10%, it is **27.2384, 13.0563, 79.6820**.

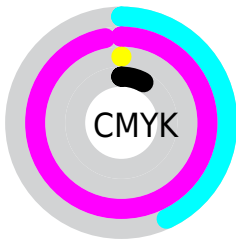
Distribution



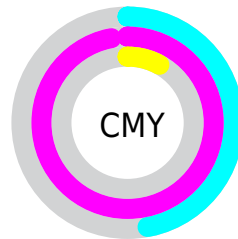
- Red (53%)
- Green (3%)
- Blue (92%)



- Red (53%)
- Yellow (3%)
- Blue (92%)



- Cyan (43%)
- Magenta (97%)
- Yellow (0%)
- Black (8%)





- Cyan (47%)
- Magenta (97%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0739, 11.3227, 79.4612 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 25.0739, 11.3227, 79.4612 by changing the saturation by 10% instead.


 25.0739, 11.3227,
79.4612

 25.0739, 11.3227,
79.4612

270.5466,
199.8683, 512.7740


 16.2611, 6.2843,
58.7515


 51.2191, 28.2554,
134.4125


 9.8012, 3.0187,
41.9944


 69.2823, 40.9185,
169.4912


 5.3286, 1.1415,
28.7714


 91.1596, 56.8919,
210.1966

 2.4780, 0.0131,
18.6639

 117.2165, 76.5601,
256.9473

 0.8842, 0.0000,
11.2533

 147.8183,
100.3074, 310.1619

 0.0000, 0.0000,
6.1212

 183.3304,

 0.0000, 0.0000,

128.5183, 370.2588

2.8489

224.1180,
161.5771, 437.6567

■ 0.0000, 0.0000,
1.0180

■ 0.0000, 0.0000,
0.0000

■ 25.0739, 11.3227,
79.4612

■ 25.0739, 11.3227,
79.4612

■ 24.4305, 10.8621,
79.4065

■ 27.2384, 13.0563,
79.6820

■ 30.0152, 15.7689,
80.0593

■ 33.4935, 19.6310,
80.6214

■ 37.7440, 24.7780,
81.3908

■ 42.8275, 31.3260,
82.3868

■ 48.7982, 39.3773,
83.6262

■ 55.7051, 49.0247,
85.1243

■ 63.5934, 60.3532,
86.8951

■ 72.5052, 73.4417,
88.9518

Harmonies

Analogous

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



14.7128, 11.3227, 123.0006



25.0739, 11.3227, 79.4612



33.0993, 11.3227, 29.5663

Triad

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



25.0739, 11.3227, 79.4612



15.7525, 11.3227, 0.0000



1.6842, 11.3227, 25.5320

Complementary

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



25.0739, 11.3227, 79.4612



35.9354, 62.6219, 10.4228

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.



1.7492, 11.3227, 3.5681



25.0739, 11.3227, 79.4612



7.5904, 11.3227, 0.0000

Square

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



25.0739, 11.3227, 79.4612



26.1503, 11.3227, 0.0000



3.2995, 11.3227, 0.0000



3.0325, 11.3227, 73.6202

Rectangle

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



25.0739, 11.3227, 79.4612



34.4079, 11.3227, 9.9069



3.2995, 11.3227, 0.0000



1.5735, 11.3227, 15.1157

Sweetspot

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



25.0746, 11.3230, 79.4615



64.8386, 55.8849, 101.9772



20.6873, 17.2334, 80.8336



13.1124, 10.8911, 21.6610



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.



25.0746, 11.3230, 79.4615



29.3211, 13.0305, 95.5775



47.7550, 23.1986, 72.2333



15.0374, 14.9646, 19.0181



13.7458, 6.1222, 44.2002



1.1896, 0.5376, 3.4759

Inverse Universe

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



37.0541, 18.9183, 15.8833



44.1829, 22.4372, 17.4271



29.9290, 59.5167, 10.5421



15.3411, 15.1643, 17.0816



20.5066, 10.4053, 8.4691



1.6579, 0.8361, 0.9159

Previews

White Background



This preview shows how the XYZ color 25.0739, 11.3227, 79.4612 looks on a white background.

Color Contrast Check

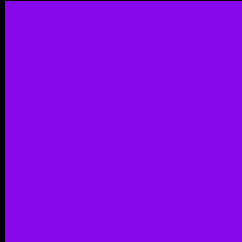
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0739, 11.3227, 79.4612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

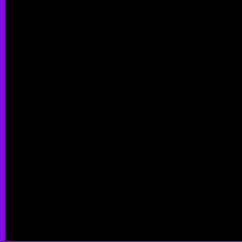
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0739, 11.3227, 79.4612

Background



This preview shows how black text looks on a background with the XYZ color 25.0739, 11.3227, 79.4612.



This preview shows how white text looks on a background with the XYZ color 25.0739, 11.3227,

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

25.0739, 11.3227, 79.4612

Protanopia

13.5648, 11.5493, 52.5532

Deuteranopia

11.3427, 11.5254, 38.1860



Tritanopia

11.7882, 11.4982, 13.4024

Trichromacy



Original Color

25.0739, 11.3227, 79.4612



Protanomaly

14.4440, 8.5939, 61.2191



Deuteranomaly

12.6713, 8.2393, 50.7917



Tritanomaly

14.0843, 9.1204, 29.0351

Monochromacy



Original Color

25.0739, 11.3227, 79.4612



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

9.9144, 6.2682, 22.1601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0739, 11.3227, 79.4612 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(135, 8, 235)` looks like.

```
.text, #text, p{  
    color:rgb(135, 8, 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(135, 8, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 8, 235) }
```

Border

The CSS property to change the border of an element to XYZ 25.0739, 11.3227, 79.4612 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(135, 8, 235) }
```


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

```
.border{ border-color:rgb(135, 8, 235) }
```

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

Here you see how a box with a 4 pixel rgb(135, 8, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 8, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 8, 235);  
box-shadow:4px 4px 4px 4px rgb(135, 8,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0739, 11.3227, 79.4612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 8, 235) }
```

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

```
.background{ background-color: rgb(135, 8,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor