

Converting Colors

XYZ(25.1878, 13.7422, 82.9863)

Have a look what the booklet for
XYZ(25.1878, 13.7422, 82.9863)
contains.

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Color

**XYZ(25.1878, 13.7422,
82.9863)**

Conversions

Conversions Part 1

Format	Color
Hex	793EEF
RGB	121, 62, 239
RGB Percent	47%, 24%, 94%
CMY	0.5255, 0.7569, 0.0627
CMYK	0.49, 0.74, 0.00, 0.06
HSL	260°, 85%, 59%
HSV	260°, 74%, 94%
XYZ	25.1878, 13.7422, 82.9863
YIQ	99.8190, -21.6530, 67.5550

Conversions

Conversions Part 2

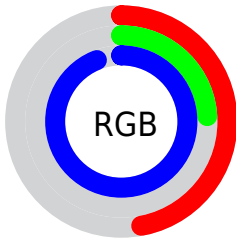
Format	Color
R_{YB}	121, 62, 239
Decimal	7945967
CIE _{Lab}	43.86, 63.14, -79.48
CIE _{LCh}	44, 101.506, 308.463
Yxy	13.7422, 0.2066, 0.1127
Android (android.graphics.Color)	4286136047 (0xFF793EEF)
YUV	99.8190, 68.6162, 18.5757
Hunter-Lab	37.0705, 56.4098, -106.7778

Details

The XYZ color **25.1878, 13.7422, 82.9863** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **50.5571, 71.7836, 15.7483**, and the grayscale version is **11.9028, 12.5226, 13.6372**.

A 20% lighter version of the original color is **43.4721, 29.4266, 97.9964**, and **9.9648, 4.1617, 44.5340** is the 20% darker color. If you saturate the color by 10%, you get **22.1106, 10.6323, 82.5486**, and if you desaturate by 10%, it is **29.2062, 18.1847, 83.6323**.

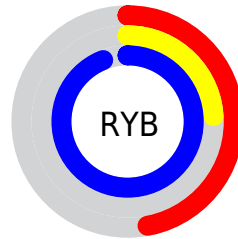
Distribution



Red (47%)

Green (24%)

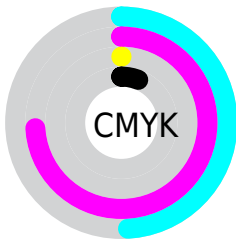
Blue (94%)



Red (47%)

Yellow (24%)

Blue (94%)

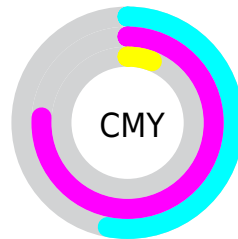


Cyan (49%)

Magenta (74%)

Yellow (0%)

Black (6%)



Cyan (53%)


Magenta (76%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1878, 13.7422, 82.9863 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 25.1878, 13.7422, 82.9863 by changing the saturation by 10% instead.


 25.1878, 13.7422,
82.9863


 25.1878, 13.7422,
82.9863


271.1023,
215.6211, 524.9107

 16.3465, 7.9416,
61.6383


 51.4024, 32.6309,
139.4053

 9.8621, 4.0576,
44.3066


 69.5065, 46.4878,
175.3135


 5.3692, 1.7058,
30.5727


 91.4288, 63.7988,
216.9120

 2.5024, 0.4274,
20.0179

 117.5348, 84.9485,
264.6196

 0.8965, 0.0000,
12.2239

 148.1898,
110.3212, 318.8547

 0.0000, 0.0000,
6.7719

183.7591,

 0.0000, 0.0000,

140.3012, 380.0359

3.2436

224.6082,
175.2731, 448.5817

■ 0.0000, 0.0000,
1.2203

■ 0.0000, 0.0000,
0.0000

■ 25.1878, 13.7422,
82.9863

■ 25.1878, 13.7422,
82.9863

■ 22.1106, 10.6323,
82.5486

■ 29.2062, 18.1847,
83.6323

■ 19.8731, 8.6823,
82.2901

■ 34.2469, 24.1004,
84.5085

■ 18.8609, 7.9234,
82.1970

■ 40.3837, 31.6126,
85.6351

■ 47.6826, 40.8308,
87.0297

■ 56.2041, 51.8549,
88.7084

■ 66.0039, 64.7768,
90.6861

■ 77.1346, 79.6819,
92.9764

■ 89.6453, 96.6505,
95.5923

■ 92.5801, 99.0120,
95.8934

Harmonies

Analogous

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



15.4642, 13.7422, 114.8854



25.1878, 13.7422, 82.9863



33.2879, 13.7422, 37.7254

Triad

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



25.1878, 13.7422, 82.9863



19.5771, 13.7422, 0.0000



2.9776, 13.7422, 22.4463

Complementary

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



25.1878, 13.7422, 82.9863



50.5571, 71.7836, 15.7483

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.



3.3296, 13.7422, 3.9032



25.1878, 13.7422, 82.9863



10.9216, 13.7422, 0.0000

Square

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



25.1878, 13.7422, 82.9863



29.2318, 13.7422, 0.8728



5.6280, 13.7422, 0.0000



4.3275, 13.7422, 62.6487

Rectangle

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



25.1878, 13.7422, 82.9863



35.3259, 13.7422, 16.1785



5.6280, 13.7422, 0.0000



2.9174, 13.7422, 13.8098

Sweetspot

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



25.1886, 13.7426, 82.9867



67.2449, 62.8650, 103.1977



33.8879, 39.8987, 87.5768



13.7703, 12.6408, 21.9641



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.



25.1886, 13.7426, 82.9867



24.1415, 10.9785, 95.4544



43.7389, 23.3056, 83.8548



15.3937, 15.4847, 19.8991



10.5470, 4.4426, 45.4295



0.9790, 0.4220, 3.7841

Inverse Universe

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



45.5570, 25.0910, 45.6188



49.8278, 25.3614, 45.0986



36.0999, 64.3307, 15.0717



16.2172, 15.9366, 18.7000



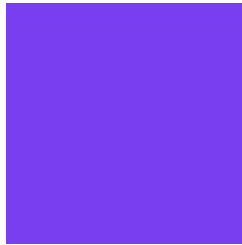
23.2088, 11.5559, 19.5478



1.9767, 0.9797, 1.8681

Previews

White Background



This preview shows how the XYZ color 25.1878, 13.7422, 82.9863 looks on a white background.

Color Contrast Check

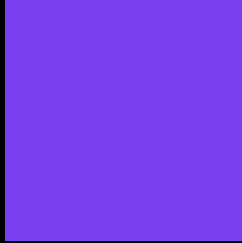
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1878, 13.7422, 82.9863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

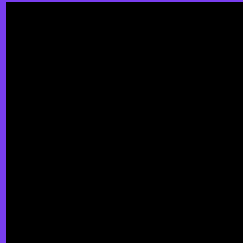
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1878, 13.7422, 82.9863

Background



This preview shows how black text looks on a background with the XYZ color 25.1878, 13.7422, 82.9863.



This preview shows how white text looks on a background with the XYZ color 25.1878, 13.7422,

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

25.1878, 13.7422, 82.9863

Protanopia

16.1900, 13.7675, 62.7769

Deuteranopia

13.4945, 13.6443, 45.6384



Tritanopia

12.1900, 13.7316, 18.2276

Trichromacy



Original Color

25.1878, 13.7422, 82.9863



Protanomaly

17.4176, 12.4115, 69.8843



Deuteranomaly

15.3555, 12.1121, 57.4057



Tritanomaly

15.2318, 12.6729, 34.9010

Monochromacy



Original Color

25.1878, 13.7422, 82.9863



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

15.0980, 12.0781, 30.8137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1878, 13.7422, 82.9863 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(121, 62, 239)` looks like.

```
.text, #text, p{  
    color:rgb(121, 62, 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(121, 62, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 62, 239) }
```

Border

The CSS property to change the border of an element to XYZ 25.1878, 13.7422, 82.9863 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(121, 62, 239) }
```


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

```
.border{ border-color:rgb(121, 62, 239) }
```

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

Here you see how a box with a 4 pixel rgb(121, 62, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 62, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 62, 239);  
box-shadow:4px 4px 4px 4px rgb(121, 62,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1878, 13.7422, 82.9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 62, 239) }
```

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

```
.background{ background-color: rgb(121, 62,  
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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