

Converting Colors

XYZ(24.9972, 10.8583, 92.7973)

Have a look what the booklet for
XYZ(24.9972, 10.8583, 92.7973)
contains.

XYZ(25.0419, 10.8798, 92.8756)	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(25.0419, 10.8798,
92.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	7600FC
RGB	118, 0, 252
RGB Percent	46%, 0%, 99%
CMY	0.5372, 1.0000, 0.0118
CMYK	0.53, 1.00, 0.00, 0.01
HSL	268°, 100%, 49%
HSV	268°, 100%, 99%
XYZ	25.0419, 10.8798, 92.8756
YIQ	64.0100, -10.5640, 103.3880

Conversions

Conversions Part 2

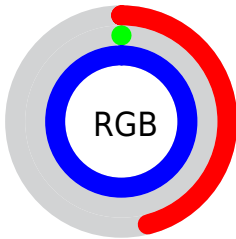
Format	Color
R_{YB}	118, 0, 252
Decimal	7733500
CIE _{Lab}	39.38, 81.84, -94.20
CIE _{LCh}	39, 124.785, 310.986
Yxy	10.8798, 0.1944, 0.0845
Android (android.graphics.Color)	4285923580 (0xFF7600FC)
YUV	64.0100, 92.6791, 47.3492
Hunter-Lab	32.9845, 77.7944, -143.8555

Details

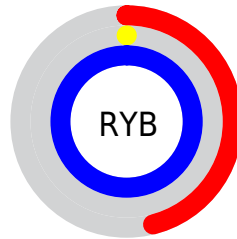
The XYZ color **25.0419, 10.8798, 92.8756** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **44.6411, 74.6889, 12.0636**, and the grayscale version is **4.7426, 4.9896, 5.4336**.

A 20% lighter version of the original color is **40.5209, 23.1721, 96.9447**, and **10.5369, 4.3071, 51.3149** is the 20% darker color. If you saturate the color by 10%, you get **25.0428, 10.8803, 92.8760**, and if you desaturate by 10%, it is **27.3457, 12.5899, 93.0846**.

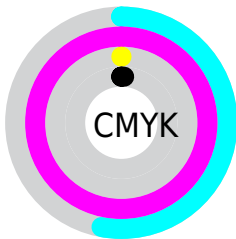
Distribution



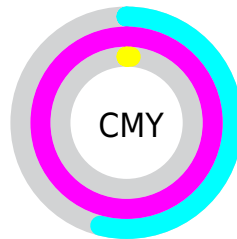
- Red (46%)
- Green (0%)
- Blue (99%)



- Red (46%)
- Yellow (0%)
- Blue (99%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (54%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0419, 10.8798, 92.8756 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 25.0419, 10.8798, 92.8756 by changing the saturation by 10% instead.


 25.0419, 10.8798,
92.8756


 25.0419, 10.8798,
92.8756


270.3903,
196.8410, 558.1510


 16.2372, 5.9861,
69.7810


 51.1676, 27.4377,
153.2966


 9.7840, 2.8366,
50.8723


 69.2193, 39.8706,
191.4601


 5.3172, 1.0470,
35.7310


 91.0840, 55.5854,
235.4836

 2.4712, 0.0000,
23.9385

 117.1271, 74.9665,
285.7857

 0.8808, 0.0000,
15.0762

 147.7139, 98.3981,
342.7850

 0.0000, 0.0000,
8.7257

 183.2098,

 0.0000, 0.0000,

126.2649, 406.8999

4.4683

223.9802,
158.9510, 478.5491

■ 0.0000, 0.0000,
1.8856

■ 0.0000, 0.0000,
0.4836

■ 25.0419, 10.8798,
92.8756

■ 25.0419, 10.8798,
92.8756

■ 25.0428, 10.8803,
92.8760

■ 27.3457, 12.5899,
93.0846

■ 30.3713, 15.3459,
93.4571

■ 34.2686, 19.4321,
94.0404

■ 39.1315, 25.0228,
94.8632

■ 45.0400, 32.2648,
95.9496

■ 52.0646, 41.2866,
97.3208

■ 60.2691, 52.2038,
98.9956

■ 69.7118, 65.1220,
100.9914

■ 80.4473, 80.1387,
103.3241

Harmonies

Analogous

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



13.7496, 10.8798, 140.9613



25.0419, 10.8798, 92.8756



34.5012, 10.8798, 34.3374

Triad

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



25.0419, 10.8798, 92.8756



16.5759, 10.8798, 0.0000



1.1929, 10.8798, 23.0849

Complementary

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



25.0419, 10.8798, 92.8756



44.6411, 74.6889, 12.0636

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.



1.3377, 10.8798, 2.2426



25.0419, 10.8798, 92.8756



7.5480, 10.8798, 0.0000

Square

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



25.0419, 10.8798, 92.8756



28.0504, 10.8798, 0.0000



2.9343, 10.8798, 0.0000



2.2941, 10.8798, 75.8840

Rectangle

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



25.0419, 10.8798, 92.8756



36.5094, 10.8798, 11.0651



2.9343, 10.8798, 0.0000



1.1244, 10.8798, 12.6633

Sweetspot

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



25.0428, 10.8803, 92.8760



61.8961, 53.6050, 101.6923



26.1513, 24.1893, 95.3865



12.4550, 10.4089, 21.6026



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.



25.0428, 10.8803, 92.8760



25.7143, 11.1711, 95.4087



54.7404, 26.1900, 94.2658



17.0558, 17.0414, 21.7757



13.2118, 5.7536, 48.3878



1.3448, 0.5953, 4.4872

Inverse Universe

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



44.4477, 22.4166, 24.5362



45.6548, 23.0259, 25.1778



34.9157, 69.6753, 11.6084



17.6304, 17.3795, 19.9093



23.2285, 11.7071, 13.1774



2.2049, 1.1057, 1.5026

Previews

White Background



This preview shows how the XYZ color 25.0419, 10.8798, 92.8756 looks on a white background.

Color Contrast Check

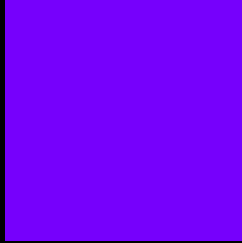
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0419, 10.8798, 92.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

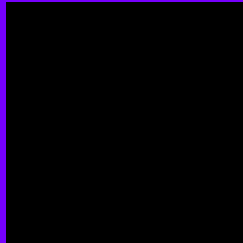
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0419, 10.8798, 92.8756

Background



This preview shows how black text looks on a background with the XYZ color 25.0419, 10.8798, 92.8756.



This preview shows how white text looks on a background with the XYZ color 25.0419, 10.8798,

92.8756.

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

25.0419, 10.8798, 92.8756

Protanopia

13.0353, 11.1999, 50.1900

Deuteranopia

10.8856, 11.1937, 36.2372



Tritanopia

9.6417, 11.1537, 15.2804

Trichromacy



Original Color

25.0419, 10.8798, 92.8756

Protanomaly

14.5196, 8.3438, 63.7960

Deuteranomaly

12.5692, 7.8990, 52.4919

Tritanomaly

12.1005, 8.0723, 33.7212

Monochromacy



Original Color

25.0419, 10.8798, 92.8756

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

8.6140, 5.1366, 22.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0419, 10.8798, 92.8756 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(118, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(118, 0, 252)  
}
```

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(118, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 252) }
```

Border

The CSS property to change the border of an element to XYZ 25.0419, 10.8798, 92.8756 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(118, 0, 252) }
```


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

```
.border{ border-color:rgb(118, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(118, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(118, 0,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0419, 10.8798, 92.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 252) }
```

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

```
.background{ background-color: rgb(118, 0,  
252) }
```

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