

Converting Colors

XYZ(25.1217, 10.9210, 92.8804)

Have a look what the booklet for
XYZ(25.1217, 10.9210, 92.8804)
contains.

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Color

**XYZ(25.1784, 10.9502,
92.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	7700FC
RGB	119, 0, 252
RGB Percent	47%, 0%, 99%
CMY	0.5333, 1.0000, 0.0118
CMYK	0.53, 1.00, 0.00, 0.01
HSL	268°, 100%, 49%
HSV	268°, 100%, 99%
XYZ	25.1784, 10.9502, 92.8820
YIQ	64.3090, -9.9680, 103.6000

Conversions

Conversions Part 2

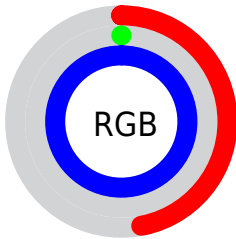
Format	Color
R_{YB}	119, 0, 252
Decimal	7799036
CIE _{Lab}	39.50, 81.91, -94.00
CIE _{LCh}	39, 124.678, 311.070
Yxy	10.9502, 0.1952, 0.0849
Android (android.graphics.Color)	4285989116 (0xFF7700FC)
YUV	64.3090, 92.5317, 47.9640
Hunter-Lab	33.0911, 77.9080, -143.2549

Details

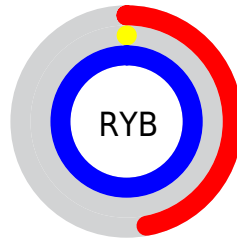
The XYZ color **25.1784, 10.9502, 92.8820** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **44.4825, 74.6071, 12.0561**, and the grayscale version is **4.7869, 5.0362, 5.4845**.

A 20% lighter version of the original color is **40.7596, 23.2952, 96.9559**, and **10.6521, 4.3665, 51.3203** is the 20% darker color. If you saturate the color by 10%, you get **25.1793, 10.9507, 92.8824**, and if you desaturate by 10%, it is **27.4862, 12.6623, 93.0912**.

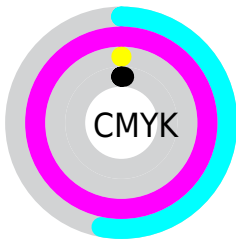
Distribution



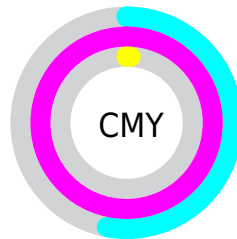
- Red (47%)
- Green (0%)
- Blue (99%)



- Red (47%)
- Yellow (0%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1784, 10.9502, 92.8820 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 25.1784, 10.9502, 92.8820 by changing the saturation by 10% instead.


 25.1784, 10.9502,
92.8820

 25.1784, 10.9502,
92.8820


271.0565,
197.3256, 558.1722

 16.3395, 6.0334,
69.7863


 51.3873, 27.5680,
153.3055


 9.8570, 2.8654,
50.8766


 69.4880, 40.0378,
191.4704


 5.3658, 1.0619,
35.7344


 91.4066, 55.7941,
235.4955

 2.5004, 0.0000,
23.9411

 117.5085, 75.2211,
285.7993

 0.8955, 0.0000,
15.0781

 148.1591, 98.7034,
342.8003

 0.0000, 0.0000,
8.7270

 183.7238,

 0.0000, 0.0000,

126.6253, 406.9171

4.4692

224.5678,
159.3712, 478.5682

■ 0.0000, 0.0000,
1.8861

■ 0.0000, 0.0000,
0.4839

■ 25.1784, 10.9502,
92.8820

■ 25.1784, 10.9502,
92.8820

■ 25.1793, 10.9507,
92.8824

■ 27.4862, 12.6623,
93.0912

■ 30.5125, 15.4187,
93.4637

■ 34.4068, 19.5034,
94.0469

■ 39.2631, 25.0906,
94.8694

■ 45.1608, 32.3270,
95.9553

■ 52.1705, 41.3412,
97.3257

■ 60.3555, 52.2484,
98.9997

■ 69.7743, 65.1542,
100.9943

■ 80.4810, 80.1560,
103.3256

Harmonies

Analogous

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



13.8556, 10.9502, 141.0876



25.1784, 10.9502, 92.8820



34.6383, 10.9502, 34.3355

Triad

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



25.1784, 10.9502, 92.8820



16.6304, 10.9502, 0.0000



1.2132, 10.9502, 23.2973

Complementary

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



25.1784, 10.9502, 92.8820



44.4825, 74.6071, 12.0561

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.



1.3562, 10.9502, 2.2937



25.1784, 10.9502, 92.8820



7.5854, 10.9502, 0.0000

Square

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



25.1784, 10.9502, 92.8820



28.1295, 10.9502, 0.0000



2.9594, 10.9502, 0.0000



2.3283, 10.9502, 76.2352

Rectangle

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



25.1784, 10.9502, 92.8820



36.6311, 10.9502, 11.0738



2.9594, 10.9502, 0.0000



1.1430, 10.9502, 12.8144

Sweetspot

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



25.1793, 10.9507, 92.8824



61.9849, 53.6508, 101.6964



26.1513, 24.1893, 95.3865



12.4759, 10.4197, 21.6036



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.



25.1793, 10.9507, 92.8824



25.8545, 11.2434, 95.4152



54.7404, 26.1900, 94.2658



17.0626, 17.0449, 21.7760



13.2834, 5.7905, 48.3911



1.3516, 0.5989, 4.4875

Inverse Universe

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



44.3783, 22.3888, 24.1707



45.5835, 22.9974, 24.8024



34.9157, 69.6753, 11.6084



17.6274, 17.3783, 19.8936



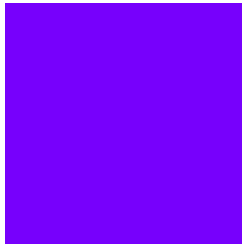
23.1922, 11.6926, 12.9867



2.2016, 1.1044, 1.4850

Previews

White Background



This preview shows how the XYZ color 25.1784, 10.9502, 92.8820 looks on a white background.

Color Contrast Check

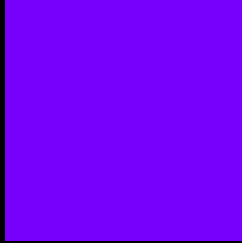
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1784, 10.9502, 92.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

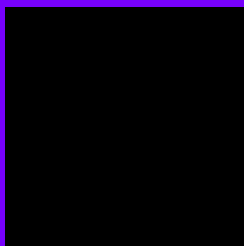
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1784, 10.9502, 92.8820

Background



This preview shows how black text looks on a background with the XYZ color 25.1784, 10.9502, 92.8820.



This preview shows how white text looks on a background with the XYZ color 25.1784, 10.9502,

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

25.1784, 10.9502, 92.8820

Protanopia

13.1451, 11.2438, 50.7677

Tritanopia

9.7169, 11.1924, 15.2839

Trichromacy



Original Color

25.1784, 10.9502, 92.8820

Protanomaly

14.5196, 8.3438, 63.7960

Tritanomaly

12.1971, 8.1221, 33.7258

Monochromacy



Original Color

25.1784, 10.9502, 92.8820

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 25.1784, 10.9502, 92.8820 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(119, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(119, 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(119, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 0, 252) }
```

Border

The CSS property to change the border of an element to XYZ 25.1784, 10.9502, 92.8820 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(119, 0, 252) }
```

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

```
.border{ border-color:rgb(119, 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(119, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(119, 0,  
252) }
```


Background

The CSS property to change the background color of an element to XYZ 25.1784, 10.9502, 92.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 0, 252) }
```

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

```
.background{ background-color: rgb(119, 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](#).

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