

Converting Colors

XYZ(24.8695, 10.8999, 95.4009)

Have a look what the booklet for
XYZ(24.8695, 10.8999, 95.4009)
contains.

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Color

**XYZ(24.8406, 10.8818,
95.3989)**

Conversions

Conversions Part 1

Format	Color
Hex	700AFF
RGB	112, 10, 255
RGB Percent	44%, 4%, 100%
CMY	0.5608, 0.9608, 0.0000
CMYK	0.56, 0.96, 0.00, 0.00
HSL	265°, 100%, 52%
HSV	265°, 96%, 100%
XYZ	24.8406, 10.8818, 95.3989
YIQ	68.4280, -17.8530, 97.8190

Conversions

Conversions Part 2

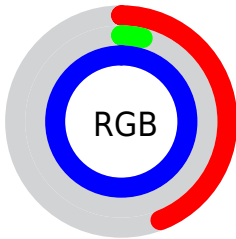
Format	Color
R _Y B	112, 10, 255
Decimal	7342847
CIE Lab	39.38, 80.97, -95.89
CIE LCh	39, 125.504, 310.176
Yxy	10.8818, 0.1894, 0.0830
Android (android.graphics.Color)	4285532927 (0xFF700AFF)
YUV	68.4280, 91.9800, 38.2126
Hunter-Lab	32.9876, 76.6874, -148.3733

Details

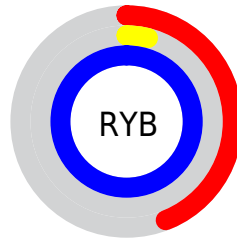
The XYZ color **24.8406, 10.8818, 95.3989** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **48.9475, 78.3121, 12.8227**, and the grayscale version is **5.4213, 5.7036, 6.2112**.

A 20% lighter version of the original color is **39.5034, 22.8715, 96.9403**, and **10.4089, 4.2018, 53.0857** is the 20% darker color. If you saturate the color by 10%, you get **24.0152, 10.2952, 95.3292**, and if you desaturate by 10%, it is **27.4013, 12.9543, 95.6640**.

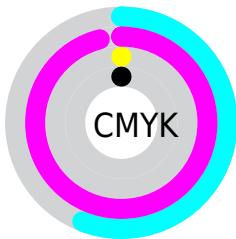
Distribution



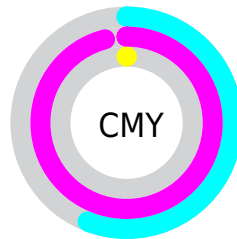
- Red (44%)
- Green (4%)
- Blue (100%)



- Red (44%)
- Yellow (4%)
- Blue (100%)



- Cyan (56%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8406, 10.8818, 95.3989 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 24.8406, 10.8818, 95.3989 by changing the saturation by 10% instead.

■ 24.8406, 10.8818,
95.3989

■ 24.8406, 10.8818,
95.3989

269.4055,
196.8548, 566.4582

■ 16.0864, 5.9874,
71.8683

■ 50.8433, 27.4414,
156.8159

■ 9.6766, 2.8374,
52.5649

■ 68.8225, 39.8754,
195.5394

■ 5.2457, 1.0475,
37.0702

■ 90.6074, 55.5913,
240.1643

■ 2.4283, 0.0000,
24.9657

■ 116.5635, 74.9737,
291.1090

■ 0.8593, 0.0000,
15.8327

■ 147.0559, 98.4068,
348.7923

■ 0.0000, 0.0000,
9.2528

■ 182.4502,

■ 0.0000, 0.0000,

126.2751, 413.6325

4.8074

223.1116,
158.9630, 486.0483

■ 0.0000, 0.0000,
2.0779

■ 0.0000, 0.0000,
0.6026

■ 24.8406, 10.8818,
95.3989

■ 24.8406, 10.8818,
95.3989

■ 24.0152, 10.2952,
95.3292

■ 27.4013, 12.9543,
95.6640

■ 30.8340, 16.2865,
96.1262

■ 35.2537, 21.0866,
96.8198

■ 40.7539, 27.5232,
97.7723

■ 47.4160, 35.7410,
99.0074

■ 55.3125, 45.8681,
100.5459

■ 64.5095, 58.0207,
102.4068

■ 75.0683, 72.3051,
104.6075

■ 87.0456, 88.8204,
107.1640

Harmonies

Analogous

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



13.5009, 10.8818, 142.9831



24.8406, 10.8818, 95.3989



34.5315, 10.8818, 35.8054

Triad

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



24.8406, 10.8818, 95.3989



16.9204, 10.8818, 0.0000



1.1619, 10.8818, 22.1676

Complementary

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



24.8406, 10.8818, 95.3989



48.9475, 78.3121, 12.8227

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.



1.3352, 10.8818, 2.0172



24.8406, 10.8818, 95.3989



7.7201, 10.8818, 0.0000

Square

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



24.8406, 10.8818, 95.3989



28.4852, 10.8818, 0.0000



2.9845, 10.8818, 0.0000



2.2149, 10.8818, 74.7726

Rectangle

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



24.8406, 10.8818, 95.3989



36.7363, 10.8818, 11.7056



2.9845, 10.8818, 0.0000



1.1032, 10.8818, 11.9924

Sweetspot

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



24.8413, 10.8820, 95.3989



61.6899, 54.2617, 101.8299



30.2310, 31.3964, 99.0745



12.3652, 10.5059, 21.6261



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.



24.8413, 10.8820, 95.3989



24.0152, 10.2952, 95.3292



50.9517, 24.3424, 96.6208



17.7196, 17.7472, 22.7416



12.7090, 5.4622, 49.8191



1.3584, 0.5942, 4.8564

Inverse Universe

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



47.0964, 23.7760, 32.2346



46.6505, 23.4242, 30.4213



36.4906, 71.8903, 12.2397



18.4540, 18.1649, 21.0080



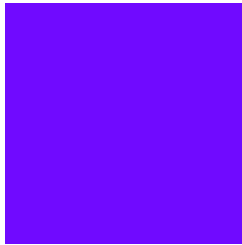
24.4520, 12.2701, 16.2968



2.4353, 1.2165, 1.8737

Previews

White Background



This preview shows how the XYZ color 24.8406, 10.8818, 95.3989 looks on a white background.

Color Contrast Check

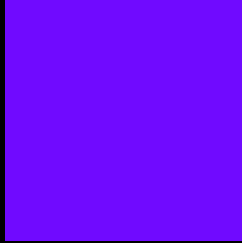
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8406, 10.8818, 95.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

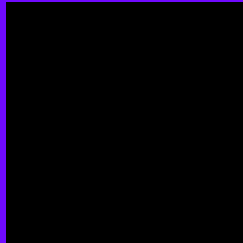
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.8406, 10.8818, 95.3989

Background



This preview shows how black text looks on a background with the XYZ color 24.8406, 10.8818, 95.3989.



This preview shows how white text looks on a background with the XYZ color 24.8406, 10.8818,

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

24.8406, 10.8818, 95.3989

Protanopia

12.8415, 10.9865, 49.5879

Deuteranopia

10.6159, 10.9390, 35.2701



Tritanopia

8.8606, 10.8848, 15.5439

Trichromacy



Original Color

24.8406, 10.8818, 95.3989

Protanomaly

14.5934, 8.6130, 63.8441

Deuteranomaly

12.6551, 8.1921, 52.5440

Tritanomaly

11.5821, 8.2072, 34.6919

Monochromacy



Original Color

24.8406, 10.8818, 95.3989

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

9.1166, 5.6954, 23.9114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8406, 10.8818, 95.3989 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(112, 10, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 10, 255)  
}
```

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(112, 10, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 10, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.8406, 10.8818, 95.3989 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(112, 10, 255) }
```


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

```
.border{ border-color:rgb(112, 10, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 10, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 10, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 10, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 10,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8406, 10.8818, 95.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 10, 255) }
```

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

```
.background{ background-color: rgb(112, 10,  
255) }
```

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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