

Converting Colors

XYZ(24.7970, 11.1567, 95.4561)

Have a look what the booklet for
XYZ(24.7970, 11.1567, 95.4561)
contains.

XYZ(24.7868, 11.1478, 95.4531)	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(24.7868, 11.1478,
95.4531)**

Conversions

Conversions Part 1

Format	Color
Hex	6E17FF
RGB	110, 23, 255
RGB Percent	43%, 9%, 100%
CMY	0.5686, 0.9098, 0.0000
CMYK	0.57, 0.91, 0.00, 0.00
HSL	263°, 100%, 55%
HSV	263°, 91%, 100%
XYZ	24.7868, 11.1478, 95.4531
YIQ	75.4610, -22.6200, 90.5960

Conversions

Conversions Part 2

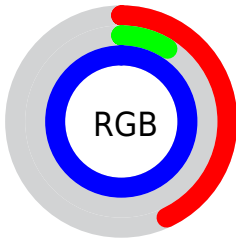
Format	Color
R _Y B	110, 23, 255
Decimal	7215103
CIE Lab	39.83, 78.81, -95.16
CIE LCh	40, 123.554, 309.630
Yxy	11.1478, 0.1887, 0.0848
Android (android.graphics.Color)	4285405183 (0xFF6E17FF)
YUV	75.4610, 88.5127, 30.2907
Hunter-Lab	33.3883, 74.0852, -146.1310

Details

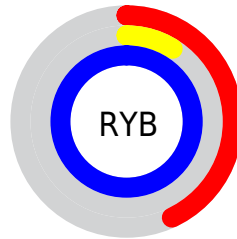
The XYZ color **24.7868, 11.1478, 95.4531** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **52.0600, 79.9051, 13.4896**, and the grayscale version is **6.6190, 6.9638, 7.5835**.

A 20% lighter version of the original color is **39.4442, 23.4296, 97.0512**, and **10.2917, 4.1414, 53.0803** is the 20% darker color. If you saturate the color by 10%, you get **22.8358, 9.6872, 95.2740**, and if you desaturate by 10%, it is **27.7231, 13.8058, 95.8114**.

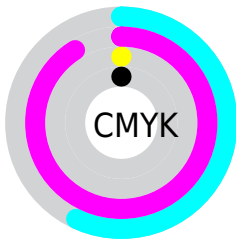
Distribution



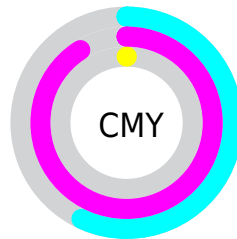
- Red (43%)
- Green (9%)
- Blue (100%)



- Red (43%)
- Yellow (9%)
- Blue (100%)



- Cyan (57%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7868, 11.1478, 95.4531 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 24.7868, 11.1478, 95.4531 by changing the saturation by 10% instead.

 24.7868, 11.1478,
95.4531


 24.7868, 11.1478,
95.4531


269.1418,
198.6788, 566.6359

 16.0462, 6.1663,
71.9132


 50.7565, 27.9332,
156.8914


 9.6479, 2.9465,
52.6014


 68.7163, 40.5058,
195.6268

 5.2266, 1.1039,
37.0991


 90.4799, 56.3777,
240.2646

 2.4169, 0.0000,
24.9878

 116.4126, 75.9332,
291.2231

 0.8536, 0.0000,
15.8490

 146.8798, 99.5566,
348.9209

 0.0000, 0.0000,
9.2642

 182.2468,

 0.0000, 0.0000,

127.6324, 413.7766

4.8148

222.8790,
160.5450, 486.2088

■ 0.0000, 0.0000,
2.0822

■ 0.0000, 0.0000,
0.6051

■ 24.7868, 11.1478,
95.4531

■ 24.7868, 11.1478,
95.4531

■ 22.8358, 9.6872,
95.2740

■ 27.7231, 13.8058,
95.8114

■ 31.6330, 17.8567,
96.3872

■ 36.6230, 23.4878,
97.2111

■ 42.7831, 30.8556,
98.3086

■ 50.1926, 40.0974,
99.7019

■ 58.9234, 51.3360,
101.4110

■ 69.0415, 64.6838,
103.4541

■ 80.6083, 80.2445,
105.8480

■ 93.6813, 98.1148,
108.6083

Harmonies

Analogous

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



13.5672, 11.1478, 141.1394



24.7868, 11.1478, 95.4531



34.4418, 11.1478, 36.7591

Triad

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



24.7868, 11.1478, 95.4531



17.3522, 11.1478, 0.0000



1.2758, 11.1478, 21.7568

Complementary

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



24.7868, 11.1478, 95.4531



52.0600, 79.9051, 13.4896

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.



1.4784, 11.1478, 2.0550



24.7868, 11.1478, 95.4531



8.0931, 11.1478, 0.0000

Square

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



24.7868, 11.1478, 95.4531



28.7912, 11.1478, 0.0000



3.2227, 11.1478, 0.0000



2.3413, 11.1478, 73.0212

Rectangle

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



24.7868, 11.1478, 95.4531



36.7295, 11.1478, 12.4421



3.2227, 11.1478, 0.0000



1.2206, 11.1478, 11.8390

Sweetspot

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



24.7875, 11.1480, 95.4531



62.7839, 56.3940, 102.1838



32.7649, 36.1256, 99.8538



12.7271, 11.1382, 21.7290



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.



24.7875, 11.1480, 95.4531



22.8358, 9.6872, 95.2740



49.1171, 23.6903, 96.5917



17.6467, 17.7096, 22.7382



12.0838, 5.1399, 49.7898



1.2929, 0.5604, 4.8533

Inverse Universe

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



48.6128, 24.6991, 39.2441



47.5295, 23.7758, 35.0501



37.4320, 72.3641, 12.8050



18.4868, 18.1781, 21.1809



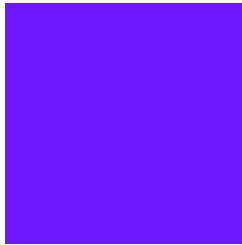
24.9100, 12.4533, 18.7083



2.4784, 1.2337, 2.1008

Previews

White Background



This preview shows how the XYZ color 24.7868, 11.1478, 95.4531 looks on a white background.

Color Contrast Check

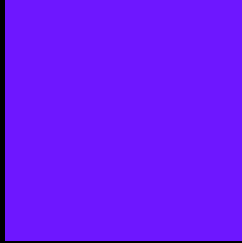
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7868, 11.1478, 95.4531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

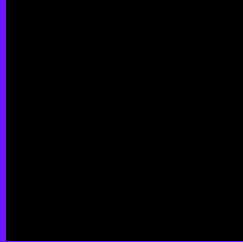
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.7868, 11.1478, 95.4531

Background



This preview shows how black text looks on a background with the XYZ color 24.7868, 11.1478, 95.4531.



This preview shows how white text looks on a background with the XYZ color 24.7868, 11.1478,

95.4531.

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

24.7868, 11.1478, 95.4531

Protanopia

13.0353, 11.1999, 50.1900

Deuteranopia

10.7963, 11.1580, 35.7671



Tritanopia

8.9353, 11.1958, 16.1581

Trichromacy



Original Color

24.7868, 11.1478, 95.4531

Protanomaly

14.9609, 9.2026, 64.6061

Deuteranomaly

13.0290, 8.8170, 53.2397

Tritanomaly

11.7282, 8.8296, 35.2686

Monochromacy



Original Color

24.7868, 11.1478, 95.4531

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

10.1723, 6.7965, 25.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7868, 11.1478, 95.4531 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(110, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 23, 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(110, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 23, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.7868, 11.1478, 95.4531 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(110, 23, 255) }
```


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

```
.border{ border-color:rgb(110, 23, 255) }
```

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

Here you see how a box with a 4 pixel rgb(110, 23, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 23,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7868, 11.1478, 95.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 23, 255) }
```

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

```
.background{ background-color: rgb(110, 23,  
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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