

Converting Colors

XYZ(25.8718, 11.4510, 95.4544)

Have a look what the booklet for
XYZ(25.8718, 11.4510, 95.4544)
contains.

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Color

**XYZ(25.9272, 11.4760,
95.4563)**

Conversions

Conversions Part 1

Format	Color
Hex	780CFF
RGB	120, 12, 255
RGB Percent	47%, 5%, 100%
CMY	0.5294, 0.9530, 0.0000
CMYK	0.53, 0.95, 0.00, 0.00
HSL	267°, 100%, 52%
HSV	267°, 95%, 100%
XYZ	25.9272, 11.4760, 95.4563
YIQ	71.9940, -13.6350, 98.4690

Conversions

Conversions Part 2

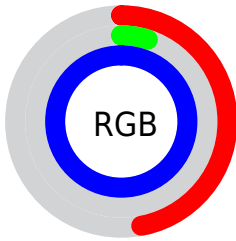
Format	Color
R _Y B	120, 12, 255
Decimal	7867647
CIE Lab	40.37, 81.29, -94.22
CIE LCh	40, 124.447, 310.786
Yxy	11.4760, 0.1951, 0.0864
Android (android.graphics.Color)	4286057727 (0xFF780CFF)
YUV	71.9940, 90.2220, 42.1013
Hunter-Lab	33.8762, 77.3316, -143.3537

Details

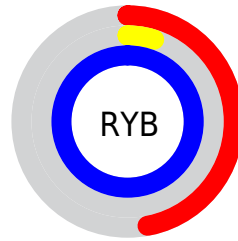
The XYZ color **25.9272, 11.4760, 95.4563** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **47.8556, 77.7479, 12.8320**, and the grayscale version is **6.0103, 6.3233, 6.8860**.

A 20% lighter version of the original color is **41.3061, 24.0313, 97.0692**, and **11.0329, 4.5235, 53.1149** is the 20% darker color. If you saturate the color by 10%, you get **24.9048, 10.7538, 95.3708**, and if you desaturate by 10%, it is **28.5858, 13.6562, 95.7370**.

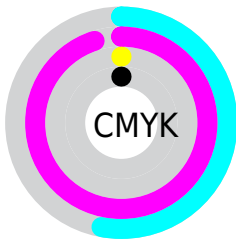
Distribution



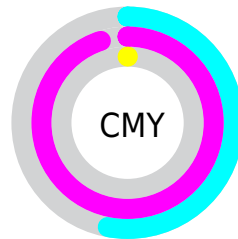
- Red (47%)
- Green (5%)
- Blue (100%)



- Red (47%)
- Yellow (5%)
- Blue (100%)



- Cyan (53%)
- Magenta (95%)
- Yellow (0%)
- Black (0%)




- Cyan (53%)
- Magenta (95%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9272, 11.4760, 95.4563 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 25.9272, 11.4760, 95.4563 by changing the saturation by 10% instead.

 25.9272, 11.4760,
95.4563


 25.9272, 11.4760,
95.4563


274.6878,
200.9047, 566.6464


 16.9016, 6.3880,
71.9158


 52.5896, 28.5371,
156.8958


 10.2592, 3.0824,
52.6035


 70.9571, 41.2789,
195.6320

 5.6347, 1.1749,
37.1008


 93.1693, 57.3408,
240.2705

 2.6628, 0.0411,
24.9891

 119.5915, 77.1071,
291.2298

 0.9781, 0.0000,
15.8500

 150.5891,
100.9622, 348.9285

 0.0000, 0.0000,
9.2649

 186.5275,

 0.0000, 0.0000,

129.2906, 413.7851

4.8152

227.7719,
162.4767, 486.2182

■ 0.0000, 0.0000,
2.0824

■ 0.0000, 0.0000,
0.6053

■ 25.9272, 11.4760,
95.4563

■ 25.9272, 11.4760,
95.4563

■ 24.9048, 10.7538,
95.3708

■ 28.5858, 13.6562,
95.7370

■ 32.1007, 17.1011,
96.2167

■ 36.5825, 22.0140,
96.9288

■ 42.1218, 28.5601,
97.9003

■ 48.7974, 36.8817,
99.1547

■ 56.6794, 47.1049,
100.7126

■ 65.8321, 59.3442,
102.5926

■ 76.3146, 73.7048,
104.8120

■ 88.1823, 90.2842,
107.3866

Harmonies

Analogous

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



14.3544, 11.4760, 143.8177



25.9272, 11.4760, 95.4563



35.6220, 11.4760, 35.8822

Triad

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



25.9272, 11.4760, 95.4563



17.4049, 11.4760, 0.0000



1.3381, 11.4760, 23.8028

Complementary

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



25.9272, 11.4760, 95.4563



47.8556, 77.7479, 12.8320

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.



1.5017, 11.4760, 2.4207



25.9272, 11.4760, 95.4563



8.0621, 11.4760, 0.0000

Square

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



25.9272, 11.4760, 95.4563



29.1542, 11.4760, 0.0000



3.2139, 11.4760, 0.0000



2.5028, 11.4760, 77.3882

Rectangle

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



25.9272, 11.4760, 95.4563



37.7131, 11.4760, 11.8481



3.2139, 11.4760, 0.0000



1.2666, 11.4760, 13.1659

Sweetspot

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



25.9280, 11.4762, 95.4563



62.2924, 54.5723, 101.8581



29.0592, 29.0135, 98.6763



12.5075, 10.5793, 21.6327



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.



25.9280, 11.4762, 95.4563



24.9048, 10.7538, 95.3708



53.7102, 25.7985, 96.7565



17.7694, 17.7729, 22.7439



13.1788, 5.7044, 49.8410



1.4065, 0.6190, 4.8586

Inverse Universe

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



46.6364, 23.6287, 29.6990



46.0965, 23.2026, 27.5038



36.3104, 71.7961, 12.2917



18.4318, 18.1560, 20.8910



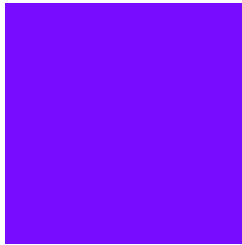
24.1628, 12.1544, 14.7736



2.4077, 1.2054, 1.7282

Previews

White Background



This preview shows how the XYZ color 25.9272, 11.4760, 95.4563 looks on a white background.

Color Contrast Check

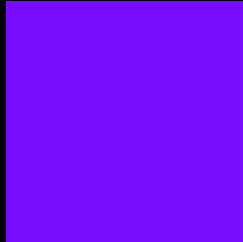
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9272, 11.4760, 95.4563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

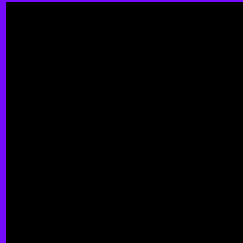
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9272, 11.4760, 95.4563

Background



This preview shows how black text looks on a background with the XYZ color 25.9272, 11.4760, 95.4563.

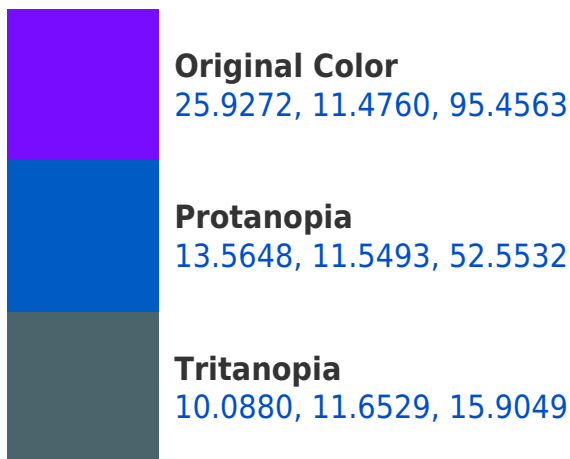


This preview shows how white text looks on a background with the XYZ color 25.9272, 11.4760,

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



Trichromacy



Original Color

25.9272, 11.4760, 95.4563

Protanomaly

15.2109, 9.0484, 65.9106

Tritanomaly

12.8145, 8.9316, 34.7668

Monochromacy



Original Color

25.9272, 11.4760, 95.4563

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

9.9206, 6.2691, 25.1133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9272, 11.4760, 95.4563 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(120, 12, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 12, 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(120, 12, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 12, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.9272, 11.4760, 95.4563 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(120, 12, 255) }
```

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

```
.border{ border-color:rgb(120, 12, 255) }
```

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

Here you see how a box with a 4 pixel rgb(120, 12, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 12, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 12, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 12,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 25.9272, 11.4760, 95.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 12, 255) }
```

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

```
.background{ background-color: rgb(120, 12,  
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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