

Converting Colors

XYZ(26.8767, 11.7704, 95.4631)

Have a look what the booklet for
XYZ(26.8767, 11.7704, 95.4631)
contains.

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Color

**XYZ(26.9521, 11.8092,
95.4666)**

Conversions

Conversions Part 1

Format	Color
Hex	8000FF
RGB	128, 0, 255
RGB Percent	50%, 0%, 100%
CMY	0.4980, 1.0000, 0.0000
CMYK	0.50, 1.00, 0.00, 0.00
HSL	270°, 100%, 50%
HSV	270°, 100%, 100%
XYZ	26.9521, 11.8092, 95.4666
YIQ	67.3420, -5.5670, 106.4410

Conversions

Conversions Part 2

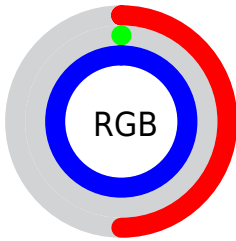
Format	Color
R_{YB}	128, 0, 255
Decimal	8388863
CIE _{Lab}	40.91, 83.18, -93.30
CIE _{LCh}	41, 124.997, 311.719
Yxy	11.8092, 0.2008, 0.0880
Android (android.graphics.Color)	4286578943 (0xFF8000FF)
YUV	67.3420, 92.5154, 53.1971
Hunter-Lab	34.3645, 79.8597, -140.6559

Details

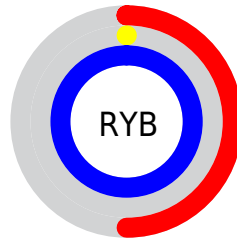
The XYZ color **26.9521, 11.8092, 95.4666** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **44.5115, 76.0316, 12.3296**, and the grayscale version is **5.2488, 5.5221, 6.0136**.

A 20% lighter version of the original color is **42.8815, 24.6130, 97.0984**, and **11.6536, 4.8434, 53.1440** is the 20% darker color. If you saturate the color by 10%, you get **26.9530, 11.8097, 95.4667**, and if you desaturate by 10%, it is **29.3429, 13.5738, 95.6812**.

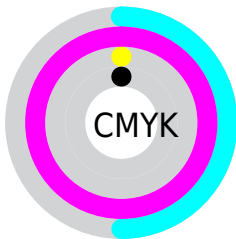
Distribution



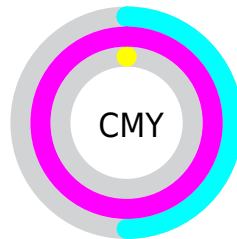
- Red (50%)
- Green (0%)
- Blue (100%)



- Red (50%)
- Yellow (0%)
- Blue (100%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (50%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9521, 11.8092, 95.4666 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 26.9521, 11.8092, 95.4666 by changing the saturation by 10% instead.

 26.9521, 11.8092,
95.4666


 26.9521, 11.8092,
95.4666

279.5969,
203.1380, 566.6801


 17.6737, 6.6139,
71.9244


 54.2274, 29.1471,
156.9102


 10.8142, 3.2218,
52.6104


 72.9550, 42.0585,
195.6486


 6.0084, 1.2486,
37.1063


 95.5630, 58.3108,
240.2895

 2.8909, 0.1009,
24.9934

 122.4168, 78.2882,
291.2515

 1.0963, 0.0000,
15.8531

 153.8817,
102.3753, 348.9529

 0.0220, 0.0000,
9.2671

 190.3232,

 0.0000, 0.0000,

130.9563, 413.8125

4.8166

232.1064,
164.4158, 486.2487

■ 0.0000, 0.0000,
2.0832

■ 0.0000, 0.0000,
0.6057

■ 26.9521, 11.8092,
95.4666

■ 26.9521, 11.8092,
95.4666

■ 26.9530, 11.8097,
95.4667

■ 29.3429, 13.5738,
95.6812

■ 32.4472, 16.3994,
96.0630

■ 36.4168, 20.5763,
96.6600

■ 41.3464, 26.2831,
97.5017

■ 47.3167, 33.6699,
98.6128

■ 54.3986, 42.8685,
100.0151

■ 62.6562, 53.9968,
101.7278

■ 72.1481, 67.1628,
103.7688

■ 82.9291, 82.4662,
106.1545

Harmonies

Analogous

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



15.0824, 11.8092, 145.9418



26.9521, 11.8092, 95.4666



36.6704, 11.8092, 35.2520

Triad

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



26.9521, 11.8092, 95.4666



17.5125, 11.8092, 0.0000



1.4121, 11.8092, 25.6440

Complementary

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



26.9521, 11.8092, 95.4666



44.5115, 76.0316, 12.3296

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.



1.5436, 11.8092, 2.7831



26.9521, 11.8092, 95.4666



8.0876, 11.8092, 0.0000

Square

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



26.9521, 11.8092, 95.4666



29.5200, 11.8092, 0.0000



3.2402, 11.8092, 0.0000



2.6707, 11.8092, 81.1149

Rectangle

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



26.9521, 11.8092, 95.4666



38.5927, 11.8092, 11.4399



3.2402, 11.8092, 0.0000



1.3260, 11.8092, 14.3892

Sweetspot

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



26.9530, 11.8097, 95.4667



62.6562, 53.9968, 101.7278



25.7041, 22.5282, 97.6014



12.6343, 10.5014, 21.6110



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.



26.9530, 11.8097, 95.4667



59.2900, 28.4800, 96.9800



17.8719, 17.8257, 22.7487



14.2559, 6.2596, 49.8914



1.5140, 0.6744, 4.8637

Inverse Universe

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



45.0704, 22.7922, 22.1005



35.7600, 71.5200, 11.9200



18.3866, 18.1380, 20.6531



23.6255, 11.9395, 11.9444



2.3554, 1.1845, 1.4531

Previews

White Background



This preview shows how the XYZ color 26.9521, 11.8092, 95.4666 looks on a white background.

Color Contrast Check

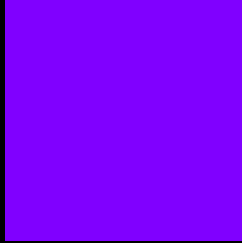
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9521, 11.8092, 95.4666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

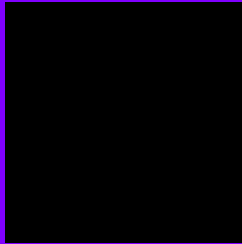
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9521, 11.8092, 95.4666

Background



This preview shows how black text looks on a background with the XYZ color 26.9521, 11.8092, 95.4666.



This preview shows how white text looks on a background with the XYZ color 26.9521, 11.8092,

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

26.9521, 11.8092, 95.4666

Protanopia

14.1957, 12.0826, 55.0101

Deuteranopia

11.7186, 11.9789, 39.2306



Tritanopia

11.0462, 12.0115, 15.6462

Trichromacy



Original Color

26.9521, 11.8092, 95.4666



Protanomaly

15.5743, 8.9505, 67.9246



Deuteranomaly

13.4310, 8.4413, 55.5650



Tritanomaly

13.6900, 8.9530, 34.7248

Monochromacy



Original Color

26.9521, 11.8092, 95.4666



Achromatopsia

5.3350, 5.6128, 6.1124



Achromatomaly

9.3569, 5.6009, 23.5096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9521, 11.8092, 95.4666 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(128, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 0, 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(128, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 0, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.9521, 11.8092, 95.4666 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(128, 0, 255) }
```

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

```
.border{ border-color:rgb(128, 0, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 0,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9521, 11.8092, 95.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 0, 255) }
```

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

```
.background{ background-color: rgb(128, 0,  
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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