

Converting Colors

XYZ(26.0551, 11.3628, 94.7017)

Have a look what the booklet for
XYZ(26.0551, 11.3628, 94.7017)
contains.

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Color

**XYZ(26.0578, 11.3667,
94.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	7B00FE
RGB	123, 0, 254
RGB Percent	48%, 0%, 100%
CMY	0.5176, 1.0000, 0.0039
CMYK	0.52, 1.00, 0.00, 0.00
HSL	269°, 100%, 50%
HSV	269°, 100%, 100%
XYZ	26.0578, 11.3667, 94.5865
YIQ	65.7330, -8.2260, 105.0700

Conversions

Conversions Part 2

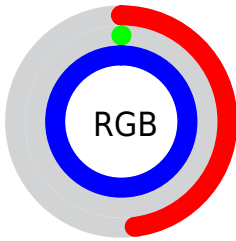
Format	Color
RYB	123, 0, 254
Decimal	8061182
CIELab	40.19, 82.61, -93.95
CIElCh	40, 125.106, 311.325
Yxy	11.3667, 0.1974, 0.0861
Android (android.graphics.Color)	4286251262 (0xFF7B00FE)
YUV	65.7330, 92.8156, 50.2232
Hunter-Lab	33.7145, 78.9613, -142.7386

Details

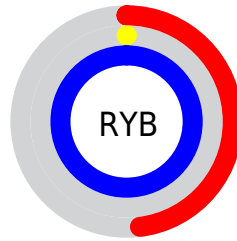
The XYZ color **26.0578, 11.3667, 94.5865** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **44.8011, 75.7087, 12.2520**, and the grayscale version is **5.0003, 5.2607, 5.7289**.

A 20% lighter version of the original color is **41.5608, 23.8194, 97.0148**, and **11.1361, 4.5899, 52.5235** is the 20% darker color. If you saturate the color by 10%, you get **26.0588, 11.3672, 94.5869**, and if you desaturate by 10%, it is **28.4162, 13.1114, 94.7993**.

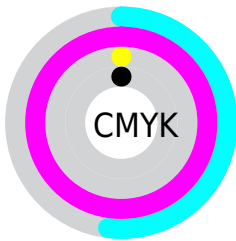
Distribution



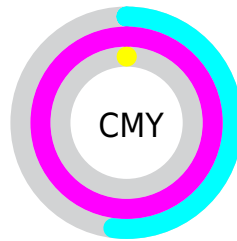
- Red (48%)
- Green (0%)
- Blue (100%)



- Red (48%)
- Yellow (0%)
- Blue (100%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0578, 11.3667, 94.5865 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 26.0578, 11.3667, 94.5865 by changing the saturation by 10% instead.

 26.0578, 11.3667,
94.5865


 26.0578, 11.3667,
94.5865


275.3172,
200.1663, 563.7908


 16.9998, 6.3140,
71.1959


 52.7988, 28.3363,
155.6839


 10.3296, 3.0370,
52.0193


 71.2125, 41.0220,
194.2277


 5.6820, 1.1511,
36.6381


 93.4755, 57.0209,
238.6597

 2.6915, 0.0212,
24.6338

 119.9532, 76.7173,
289.3984

 0.9928, 0.0000,
15.5879

 151.0108,
100.4957, 346.8623

 0.0000, 0.0000,
9.0818

 187.0138,

 0.0000, 0.0000,

128.7404, 411.4700

4.6971

228.3275,
161.8358, 483.6400

■ 0.0000, 0.0000,
2.0150

■ 0.0000, 0.0000,
0.5645

■ 26.0578, 11.3667,
94.5865

■ 26.0578, 11.3667,
94.5865

■ 26.0588, 11.3672,
94.5869

■ 28.4162, 13.1114,
94.7993

■ 31.4965, 15.9149,
95.1781

■ 35.4500, 20.0656,
95.7709

■ 40.3716, 25.7409,
96.6069

■ 46.3421, 33.0900,
97.7108

■ 53.4325, 42.2436,
99.1039

■ 61.7071, 53.3192,
100.8056

■ 71.2247, 66.4239,
102.8334

■ 82.0401, 81.6568,
105.2036

Harmonies

Analogous

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



14.4361, 11.3667, 144.0384



26.0578, 11.3667, 94.5865



35.6903, 11.3667, 34.9512

Triad

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



26.0578, 11.3667, 94.5865



17.0997, 11.3667, 0.0000



1.2987, 11.3667, 24.3813

Complementary

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



26.0578, 11.3667, 94.5865



44.8011, 75.7087, 12.2520

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.



1.4387, 11.3667, 2.4972



26.0578, 11.3667, 94.5865



7.8383, 11.3667, 0.0000

Square

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



26.0578, 11.3667, 94.5865



28.8834, 11.3667, 0.0000



3.0908, 11.3667, 0.0000



2.4776, 11.3667, 78.7066

Rectangle

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



26.0578, 11.3667, 94.5865



37.6710, 11.3667, 11.3004



3.0908, 11.3667, 0.0000



1.2220, 11.3667, 13.5186

Sweetspot

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



26.0588, 11.3672, 94.5869



62.2554, 53.7902, 101.7091



26.0372, 23.4512, 96.9205



12.5397, 10.4526, 21.6066



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.



26.0588, 11.3672, 94.5869



26.2887, 11.4672, 95.4356



57.2304, 27.4368, 96.0457



17.8403, 17.8094, 22.7472



13.9071, 6.0799, 49.8751



1.4796, 0.6567, 4.8620

Inverse Universe

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



44.9695, 22.7094, 23.4838



45.3714, 22.9125, 23.6854



35.4949, 70.9112, 11.8165



18.4005, 18.1435, 20.7262



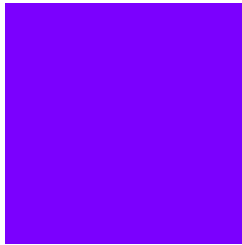
23.7834, 12.0026, 12.7756



2.3709, 1.1907, 1.5347

Previews

White Background



This preview shows how the XYZ color 26.0578, 11.3667, 94.5865 looks on a white background.

Color Contrast Check

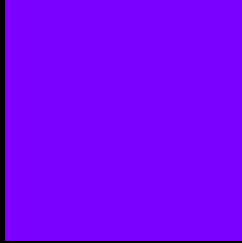
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0578, 11.3667, 94.5865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

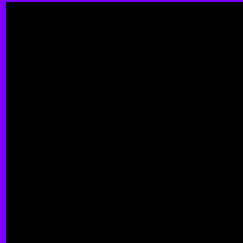
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0578, 11.3667, 94.5865

Background



This preview shows how black text looks on a background with the XYZ color 26.0578, 11.3667, 94.5865.



This preview shows how white text looks on a background with the XYZ color 26.0578, 11.3667,

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

26.0578, 11.3667, 94.5865

Protanopia

13.6520, 11.7237, 52.5823

Deuteranopia

11.3448, 11.6769, 37.7323



Tritanopia

10.3401, 11.6475, 15.6131

Trichromacy



Original Color

26.0578, 11.3667, 94.5865



Protanomaly

15.0408, 8.6437, 65.8414



Deuteranomaly

13.0527, 8.1901, 54.3190



Tritanomaly

12.8420, 8.5260, 34.2265

Monochromacy



Original Color

26.0578, 11.3667, 94.5865



Achromatopsia

5.1784, 5.4480, 5.9329



Achromatomaly

9.0615, 5.4034, 23.1196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0578, 11.3667, 94.5865 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(123, 0, 254)` looks like.

```
.text, #text, p{  
    color:rgb(123, 0, 254)  
}
```

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(123, 0, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 0, 254) }
```

Border

The CSS property to change the border of an element to XYZ 26.0578, 11.3667, 94.5865 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(123, 0, 254) }
```


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

```
.border{ border-color:rgb(123, 0, 254) }
```

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

Here you see how a box with a 4 pixel rgb(123, 0, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 0, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 0, 254);  
box-shadow:4px 4px 4px 4px rgb(123, 0,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0578, 11.3667, 94.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 0, 254) }
```

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

```
.background{ background-color: rgb(123, 0,  
254) }
```

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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