

Converting Colors

XYZ(26.5827, 11.8336, 95.4589)

Have a look what the booklet for
XYZ(26.5827, 11.8336, 95.4589)
contains.

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Color

**XYZ(26.6514, 11.8678,
95.4938)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0DFF
RGB	125, 13, 255
RGB Percent	49%, 5%, 100%
CMY	0.5098, 0.9491, 0.0000
CMYK	0.51, 0.95, 0.00, 0.00
HSL	268°, 100%, 53%
HSV	268°, 95%, 100%
XYZ	26.6514, 11.8678, 95.4938
YIQ	74.0760, -10.9300, 99.0060

Conversions

Conversions Part 2

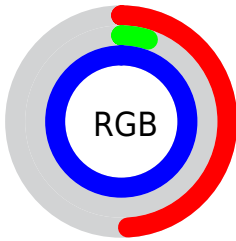
Format	Color
R _Y B	125, 13, 255
Decimal	8195583
CIE Lab	41.01, 81.55, -93.16
CIE LCh	41, 123.809, 311.200
Yxy	11.8678, 0.1989, 0.0886
Android (android.graphics.Color)	4286385663 (0xFF7D0DFF)
YUV	74.0760, 89.1955, 44.6603
Hunter-Lab	34.4497, 77.8065, -140.2359

Details

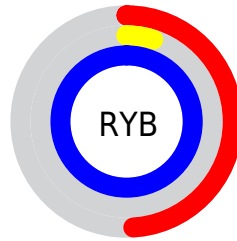
The XYZ color **26.6514, 11.8678, 95.4938** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **47.1572, 77.3871, 12.8322**, and the grayscale version is **6.3705, 6.7022, 7.2987**.

A 20% lighter version of the original color is **42.3641, 24.6944, 97.1414**, and **11.4433, 4.7350, 53.1341** is the 20% darker color. If you saturate the color by 10%, you get **25.5252, 11.0736, 95.3998**, and if you desaturate by 10%, it is **29.3568, 14.1012, 95.7823**.

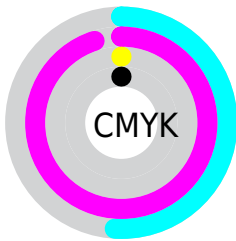
Distribution



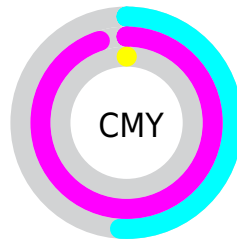
- Red (49%)
- Green (5%)
- Blue (100%)



- Red (49%)
- Yellow (5%)
- Blue (100%)



- Cyan (51%)
- Magenta (95%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (95%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6514, 11.8678, 95.4938 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 26.6514, 11.8678, 95.4938 by changing the saturation by 10% instead.

 26.6514, 11.8678,
95.4938


 26.6514, 11.8678,
95.4938


278.1637,
203.5281, 566.7693


 17.4468, 6.6537,
71.9469


 53.7478, 29.2541,
156.9481

 10.6508, 3.2465,
52.6287


 72.3704, 42.1951,
195.6925


 5.8981, 1.2617,
37.1208


 94.8629, 58.4806,
240.3399

 2.8233, 0.1113,
25.0045

 121.5909, 78.4948,
291.3087

 1.0610, 0.0000,
15.8613

 152.9196,
102.6223, 349.0175

 0.0000, 0.0000,
9.2728

 189.2144,

 0.0000, 0.0000,

131.2475, 413.8848

4.8203

230.8406,
164.7546, 486.3292

■ 0.0000, 0.0000,
2.0853

■ 0.0000, 0.0000,
0.6070

■ 26.6514, 11.8678,
95.4938

■ 26.6514, 11.8678,
95.4938

■ 25.5252, 11.0736,
95.3998

■ 29.3568, 14.1012,
95.7823

■ 32.9067, 17.5996,
96.2704

■ 37.4095, 22.5639,
96.9913

■ 42.9540, 29.1576,
97.9718

■ 49.6175, 37.5215,
99.2350

■ 57.4690, 47.7809,
100.8014

■ 66.5716, 60.0494,
102.6897

■ 76.9833, 74.4311,
104.9169

■ 88.7585, 91.0232,
107.4989

Harmonies

Analogous

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



14.9265, 11.8678, 144.4021



26.6514, 11.8678, 95.4938



36.3450, 11.8678, 35.9131

Triad

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



26.6514, 11.8678, 95.4938



17.7157, 11.8678, 0.0000



1.4589, 11.8678, 24.9167

Complementary

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



26.6514, 11.8678, 95.4938



47.1572, 77.3871, 12.8322

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.



1.6137, 11.8678, 2.7088



26.6514, 11.8678, 95.4938



8.2817, 11.8678, 0.0000

Square

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



26.6514, 11.8678, 95.4938



29.5884, 11.8678, 0.0000



3.3639, 11.8678, 0.0000



2.6997, 11.8678, 79.1588

Rectangle

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



26.6514, 11.8678, 95.4938



38.3575, 11.8678, 11.9264



3.3639, 11.8678, 0.0000



1.3784, 11.8678, 13.9716

Sweetspot

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



26.6522, 11.8680, 95.4938



63.6183, 56.0329, 102.0701



28.5093, 27.8925, 98.4889



12.7793, 10.8653, 21.6736



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.



26.6522, 11.8680, 95.4938



25.5252, 11.0736, 95.3998



55.1212, 26.5444, 96.8261



17.8021, 17.7897, 22.7454



13.5056, 5.8729, 49.8563



1.4395, 0.6360, 4.8602

Inverse Universe

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



46.3404, 23.5302, 28.0790



45.7532, 23.0653, 25.6964



36.2357, 71.7568, 12.3210



18.4173, 18.1502, 20.8148



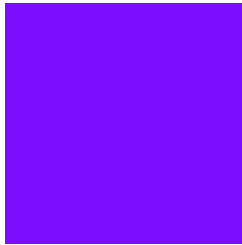
23.9833, 12.0826, 13.8286



2.3904, 1.1985, 1.6371

Previews

White Background



This preview shows how the XYZ color 26.6514, 11.8678, 95.4938 looks on a white background.

Color Contrast Check

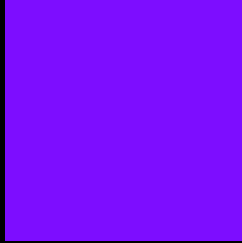
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6514, 11.8678, 95.4938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

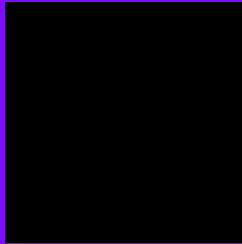
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.6514, 11.8678, 95.4938

Background



This preview shows how black text looks on a background with the XYZ color 26.6514, 11.8678, 95.4938.



This preview shows how white text looks on a background with the XYZ color 26.6514, 11.8678,

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

26.6514, 11.8678, 95.4938

Protanopia

14.0807, 12.0366, 54.4045

Deuteranopia

11.6251, 11.9415, 38.7380



Tritanopia

10.7436, 11.9909, 15.9356

Trichromacy



Original Color

26.6514, 11.8678, 95.4938



Protanomaly

15.6274, 9.4004, 67.3205



Deuteranomaly

13.5746, 8.8623, 55.6387



Tritanomaly

13.5371, 9.3041, 34.8006

Monochromacy



Original Color

26.6514, 11.8678, 95.4938



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.4758, 6.6766, 25.5475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6514, 11.8678, 95.4938 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(125, 13, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 13, 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(125, 13, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 13, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.6514, 11.8678, 95.4938 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(125, 13, 255) }
```


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

```
.border{ border-color:rgb(125, 13, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 13, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 13, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 13, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 13,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6514, 11.8678, 95.4938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 13, 255) }
```

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

```
.background{ background-color: rgb(125, 13,  
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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