

Converting Colors

XYZ(26.6672, 11.8086, 95.4815)

Have a look what the booklet for
XYZ(26.6672, 11.8086, 95.4815)
contains.

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Color

**XYZ(26.6051, 11.7753,
95.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	7D09FF
RGB	125, 9, 255
RGB Percent	49%, 4%, 100%
CMY	0.5098, 0.9648, 0.0000
CMYK	0.51, 0.96, 0.00, 0.00
HSL	268°, 100%, 52%
HSV	268°, 96%, 100%
XYZ	26.6051, 11.7753, 95.4784
YIQ	71.7280, -9.8300, 101.0980

Conversions

Conversions Part 2

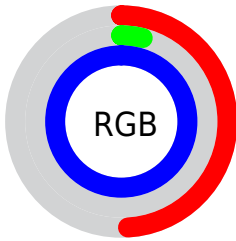
Format	Color
R_{YB}	125, 9, 255
Decimal	8194559
CIE _{Lab}	40.86, 82.00, -93.40
CIE _{LCh}	41, 124.291, 311.281
Yxy	11.7753, 0.1988, 0.0880
Android (android.graphics.Color)	4286384639 (0xFF7D09FF)
YUV	71.7280, 90.3531, 46.7195
Hunter-Lab	34.3152, 78.3424, -140.9477

Details

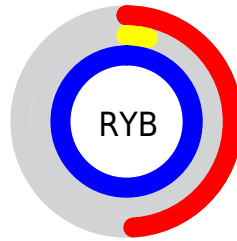
The XYZ color **26.6051, 11.7753, 95.4784** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **46.4535, 77.0270, 12.6774**, and the grayscale version is **5.9645, 6.2751, 6.8336**.

A 20% lighter version of the original color is **42.2848, 24.5358, 97.1150**, and **11.4433, 4.7350, 53.1341** is the 20% darker color. If you saturate the color by 10%, you get **25.8314, 11.2315, 95.4142**, and if you desaturate by 10%, it is **29.1969, 13.8364, 95.7396**.

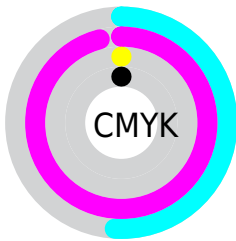
Distribution



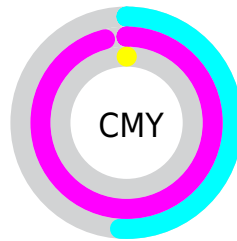
- Red (49%)
- Green (4%)
- Blue (100%)



- Red (49%)
- Yellow (4%)
- Blue (100%)



- Cyan (51%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6051, 11.7753, 95.4784 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 26.6051, 11.7753, 95.4784 by changing the saturation by 10% instead.

 26.6051, 11.7753,
95.4784


 26.6051, 11.7753,
95.4784


277.9425,
202.9120, 566.7188


 17.4119, 6.5909,
71.9341


 53.6739, 29.0852,
156.9266


 10.6257, 3.2076,
52.6184


 72.2802, 41.9794,
195.6677


 5.8812, 1.2410,
37.1126


 94.7550, 58.2124,
240.3114

 2.8129, 0.0948,
24.9982

 121.4635, 78.1685,
291.2763

 1.0556, 0.0000,
15.8567

 152.7712,
102.2321, 348.9809

 0.0000, 0.0000,
9.2695

 189.0433,

 0.0000, 0.0000,

130.7876, 413.8439

4.8182

230.6453,
164.2195, 486.2837

■ 0.0000, 0.0000,
2.0841

■ 0.0000, 0.0000,
0.6063

■ 26.6051, 11.7753,
95.4784

■ 26.6051, 11.7753,
95.4784

■ 25.8314, 11.2315,
95.4142

■ 29.1969, 13.8364,
95.7396

■ 32.6056, 17.1214,
96.1940

■ 36.9434, 21.8393,
96.8760

■ 42.3010, 28.1582,
97.8133

■ 48.7568, 36.2216,
99.0294

■ 56.3805, 46.1567,
100.5453

■ 65.2354, 58.0783,
102.3797

■ 75.3801, 72.0920,
104.5499

■ 86.8689, 88.2956,
107.0720

Harmonies

Analogous

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



14.8647, 11.7753, 144.7612



26.6051, 11.7753, 95.4784



36.3069, 11.7753, 35.7042

Triad

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



26.6051, 11.7753, 95.4784



17.5946, 11.7753, 0.0000



1.4213, 11.7753, 24.9236

Complementary

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



26.6051, 11.7753, 95.4784



46.4535, 77.0270, 12.6774

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.



1.5707, 11.7753, 2.6750



26.6051, 11.7753, 95.4784



8.1804, 11.7753, 0.0000

Square

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



26.6051, 11.7753, 95.4784



29.4852, 11.7753, 0.0000



3.2973, 11.7753, 0.0000



2.6530, 11.7753, 79.4158

Rectangle

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



26.6051, 11.7753, 95.4784



38.3070, 11.7753, 11.7614



3.2973, 11.7753, 0.0000



1.3408, 11.7753, 13.9430

Sweetspot

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



26.6059, 11.7755, 95.4784



62.8807, 54.8755, 101.8856



27.5689, 26.0909, 98.1907



12.6468, 10.6510, 21.6392



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.



26.6059, 11.7755, 95.4784



25.8314, 11.2315, 95.4142



56.4347, 27.1528, 96.8743



17.8177, 17.7977, 22.7462



13.6667, 5.9559, 49.8639



1.4556, 0.6443, 4.8609

Inverse Universe

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



45.9964, 23.3186, 26.4955



45.5951, 23.0020, 24.8636



36.0438, 71.6606, 12.1903



18.4105, 18.1475, 20.7787



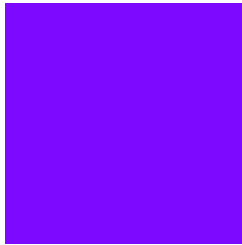
23.9006, 12.0495, 13.3927



2.3823, 1.1953, 1.5949

Previews

White Background



This preview shows how the XYZ color 26.6051, 11.7753, 95.4784 looks on a white background.

Color Contrast Check

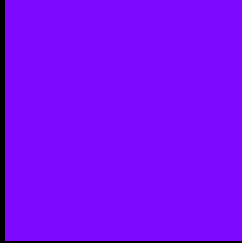
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6051, 11.7753, 95.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

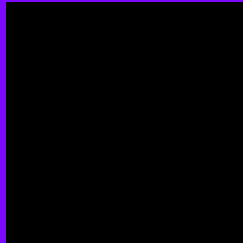
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.6051, 11.7753, 95.4784

Background



This preview shows how black text looks on a background with the XYZ color 26.6051, 11.7753, 95.4784.



This preview shows how white text looks on a background with the XYZ color 26.6051, 11.7753,

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

26.6051, 11.7753, 95.4784

Protanopia

13.9665, 11.9909, 53.8029

Deuteranopia

11.6251, 11.9415, 38.7380



Tritanopia

10.5954, 11.7791, 15.6251

Trichromacy



Original Color

26.6051, 11.7753, 95.4784



Protanomaly

15.3841, 9.1227, 66.5957



Deuteranomaly

13.5147, 8.7423, 55.6187



Tritanomaly

13.4182, 9.0663, 34.7610

Monochromacy



Original Color

26.6051, 11.7753, 95.4784



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.0729, 6.2849, 25.1083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6051, 11.7753, 95.4784 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, 9, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 9, 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, 9, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 9, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.6051, 11.7753, 95.4784 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, 9, 255) }
```


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

```
.border{ border-color:rgb(125, 9, 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, 9, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 9, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 9, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 9,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6051, 11.7753, 95.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 9, 255) }
```

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

```
.background{ background-color: rgb(125, 9,  
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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