

Converting Colors

XYZ(26.0724, 17.9455, 77.6860)

Have a look what the booklet for
XYZ(26.0724, 17.9455, 77.6860)
contains.

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Color

**XYZ(26.0779, 17.9868,
77.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	7660E7
RGB	118, 96, 231
RGB Percent	46%, 38%, 91%
CMY	0.5372, 0.6235, 0.0941
CMYK	0.49, 0.58, 0.00, 0.09
HSL	250°, 74%, 64%
HSV	250°, 58%, 91%
XYZ	26.0779, 17.9868, 77.6987
YIQ	117.9680, -30.2230, 46.6490

Conversions

Conversions Part 2

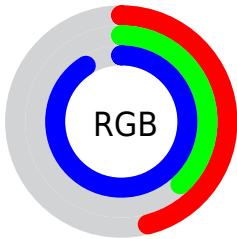
Format	Color
R_{YB}	118, 96, 231
Decimal	7758055
CIE _{Lab}	49.48, 42.66, -65.83
CIE _{LCh}	49, 78.440, 302.944
Yxy	17.9868, 0.2142, 0.1477
Android (android.graphics.Color)	4285948135 (0xFF7660E7)
YUV	117.9680, 55.7248, 0.0281
Hunter-Lab	42.4108, 35.5384, -78.9345

Details

The XYZ color **26.0779, 17.9868, 77.6987** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **56.9808, 71.5515, 21.8741**, and the grayscale version is **17.0487, 17.9365, 19.5329**.

A 20% lighter version of the original color is **46.6152, 37.4345, 99.3764**, and **10.2725, 5.9821, 40.6576** is the 20% darker color. If you saturate the color by 10%, you get **21.9096, 13.1557, 76.9863**, and if you desaturate by 10%, it is **31.4051, 24.3344, 78.6435**.

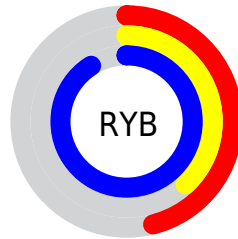
Distribution



Red (46%)

Green (38%)

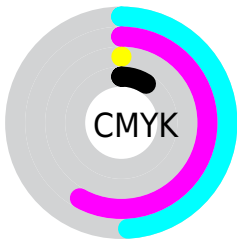
Blue (91%)



Red (46%)

Yellow (38%)

Blue (91%)

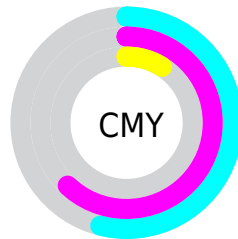


Cyan (49%)

Magenta (58%)

Yellow (0%)

Black (9%)



Cyan (54%)

Magenta (62%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0779, 17.9868, 77.6987 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 26.0779, 17.9868, 77.6987 by changing the saturation by 10% instead.

■ 26.0779, 17.9868,
77.6987

■ 26.0779, 17.9868,
77.6987

275.4140,
240.7966, 506.6438

■ 17.0149, 10.9405,
57.3115

■ 52.8310, 40.0148,
131.9073

■ 10.3405, 6.0268,
40.8444

■ 71.2518, 55.7654,
166.5658

■ 5.6893, 2.8614,
27.8787

■ 93.5226, 75.1861,
206.8185

■ 2.6959, 1.0598,
17.9960

■ 120.0088, 98.6614,
253.0839

■ 0.9951, 0.0000,
10.7777

151.0756,
126.5758, 305.7806

■ 0.0000, 0.0000,
5.8053

187.0886,

■ 0.0000, 0.0000,

159.3135, 365.3271

2.6602

228.4129,
197.2590, 432.1420

■ 0.0000, 0.0000,
0.9233

■ 0.0000, 0.0000,
0.0000

■ 26.0779, 17.9868,
77.6987

■ 26.0779, 17.9868,
77.6987

■ 21.9096, 13.1557,
76.9863

■ 31.4051, 24.3344,
78.6435

■ 18.8084, 9.7104,
76.4848

■ 37.9681, 32.3108,
79.8372

■ 16.6725, 7.5004,
76.1708

■ 45.8401, 42.0198,
81.2964

■ 15.3642, 6.3123,
76.0104

■ 55.0877, 53.5556,
83.0356

■ 15.2105, 6.1750,
75.9920

■ 65.7731, 67.0060,
85.0686

■ 77.9545, 82.4529,
87.4081

■ 90.8191, 98.2378,
89.7769

■ 91.4239, 98.5496,
89.8052

Harmonies

Analogous

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



17.8385, 17.9868, 95.1824



26.0779, 17.9868, 77.6987



33.1907, 17.9868, 44.6389

Triad

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



26.0779, 17.9868, 77.6987



24.4335, 17.9868, 1.0852



6.4464, 17.9868, 21.7569

Complementary

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



26.0779, 17.9868, 77.6987



56.9808, 71.5515, 21.8741

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.



7.2847, 17.9868, 6.2664



26.0779, 17.9868, 77.6987



16.3742, 17.9868, 0.4876

Square

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



26.0779, 17.9868, 77.6987



32.0643, 17.9868, 4.7165



10.4570, 17.9868, 1.4194



7.7071, 17.9868, 51.2284

Rectangle

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



26.0779, 17.9868, 77.6987



35.5019, 17.9868, 25.0392



10.4570, 17.9868, 1.4194



6.4930, 17.9868, 14.9859

Sweetspot

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



26.0788, 17.9874, 77.6992



69.3660, 67.5577, 103.9917



42.4802, 54.7211, 83.9251



14.0795, 13.4989, 22.1134



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.



26.0788, 17.9874, 77.6992



26.5648, 15.4975, 96.1989



38.3143, 24.2950, 78.2718



13.8006, 13.9994, 18.1191



8.5956, 3.4971, 42.6051



0.7016, 0.2927, 3.1515

Inverse Universe

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



48.6463, 29.9582, 63.5376



57.5735, 31.9838, 75.0223



42.0586, 63.8588, 21.1758



14.8889, 14.5728, 17.6154



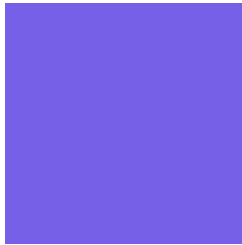
23.9323, 11.7071, 29.6020



1.7956, 0.8759, 2.3300

Previews

White Background



This preview shows how the XYZ color 26.0779, 17.9868, 77.6987 looks on a white background.

Color Contrast Check

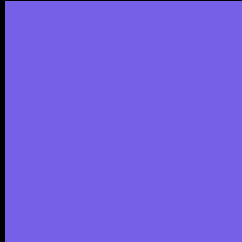
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0779, 17.9868, 77.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

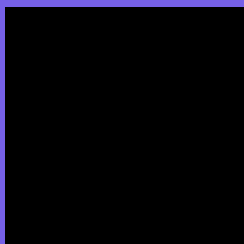
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0779, 17.9868, 77.6987

Background



This preview shows how black text looks on a background with the XYZ color 26.0779, 17.9868, 77.6987.



This preview shows how white text looks on a background with the XYZ color 26.0779, 17.9868,

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

26.0779, 17.9868, 77.6987

Protanopia

21.6333, 18.1015, 84.7918

Deuteranopia

18.2251, 18.0364, 62.8424



Tritanopia

15.4364, 17.9832, 24.8478

Trichromacy



Original Color

26.0779, 17.9868, 77.6987



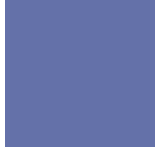
Protanomaly

21.5400, 17.1434, 82.2945



Deuteranomaly

19.2051, 16.8922, 67.8939



Tritanomaly

18.3221, 17.3842, 39.9259

Monochromacy



Original Color

26.0779, 17.9868, 77.6987



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

19.3052, 17.5066, 35.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0779, 17.9868, 77.6987 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(118, 96, 231)` looks like.

```
.text, #text, p{  
    color:rgb(118, 96, 231)  
}
```

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(118, 96, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 96, 231) }
```

Border

The CSS property to change the border of an element to XYZ 26.0779, 17.9868, 77.6987 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(118, 96, 231) }
```


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

```
.border{ border-color:rgb(118, 96, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 96, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 96, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 96, 231);  
box-shadow:4px 4px 4px 4px rgb(118, 96,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0779, 17.9868, 77.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 96, 231) }
```

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

```
.background{ background-color: rgb(118, 96,  
231) }
```

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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