

Converting Colors

XYZ(26.9679, 26.8661, 77.1631)

Have a look what the booklet for
XYZ(26.9679, 26.8661, 77.1631)
contains.

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Color

**XYZ(26.9679, 26.8661,
77.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8FE4
RGB	78, 143, 228
RGB Percent	31%, 56%, 89%
CMY	0.6941, 0.4392, 0.1059
CMYK	0.66, 0.37, 0.00, 0.11
HSL	214°, 74%, 60%
HSV	214°, 66%, 89%
XYZ	26.9679, 26.8661, 77.1631
YIQ	133.2550, -66.0250, 12.6550

Conversions

Conversions Part 2

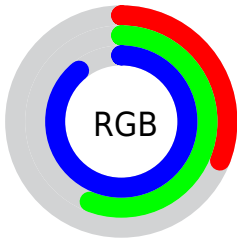
Format	Color
R _Y B	78, 123, 228
Decimal	5148644
CIE Lab	58.85, 5.92, -49.26
CIE LCh	59, 49.615, 276.857
Yxy	26.8661, 0.2059, 0.2051
Android (android.graphics.Color)	4283338724 (0xFF4E8FE4)
YUV	133.2550, 46.7093, -48.4586
Hunter-Lab	51.8325, 2.1647, -51.9823

Details

The XYZ color **26.9679, 26.8661, 77.1631** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **46.4690, 43.2411, 13.1064**, and the grayscale version is **22.2408, 23.3990, 25.4815**.

A 20% lighter version of the original color is **48.6051, 52.2753, 102.1361**, and **11.3607, 10.8073, 40.5170** is the 20% darker color. If you saturate the color by 10%, you get **23.5841, 22.4065, 76.4812**, and if you desaturate by 10%, it is **31.2245, 32.1080, 77.9511**.

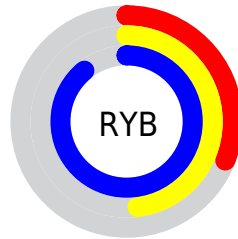
Distribution



Red (31%)

Green (56%)

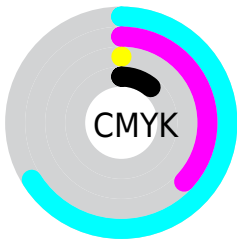
Blue (89%)



Red (31%)

Yellow (48%)

Blue (89%)

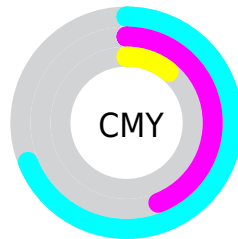


Cyan (66%)

Magenta (37%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9679, 26.8661, 77.1631 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 26.9679, 26.8661, 77.1631 by changing the saturation by 10% instead.

■ 26.9679, 26.8661,
77.1631

■ 26.9679, 26.8661,
77.1631

279.6720,
287.0082, 504.7724

■ 17.6856, 17.4727,
56.8744

■ 54.2526, 54.6689,
131.1448

■ 10.8228, 10.5721,
40.4957

■ 72.9857, 73.8471,
165.6749

■ 6.0142, 5.7799,
27.6085

■ 95.5998, 97.0557,
205.7891

■ 2.8945, 2.7117,
17.7943

■ 122.4601,
124.6791, 251.9061

■ 1.0982, 0.9831,
10.6345

153.9322,
157.1016, 304.4444

■ 0.0236, 0.0000,
5.7106

190.3813,

■ 0.0000, 0.0000,

194.7077, 363.8225

2.6040

232.1728,
237.8818, 430.4590

■ 0.0000, 0.0000,
0.8945

■ 0.0000, 0.0000,
0.0000

■ 26.9679, 26.8661,
77.1631

■ 26.9679, 26.8661,
77.1631

■ 23.5841, 22.4065,
76.4812

■ 31.2245, 32.1080,
77.9511

■ 20.9922, 18.6752,
75.8976

■ 36.4181, 38.1749,
78.8484

■ 19.0985, 15.6126,
75.4063

■ 42.6099, 45.1090,
79.8605

■ 18.4462, 14.4865,
75.2233

■ 49.8549, 52.9482,
80.9917

■ 58.2035, 61.7280,
82.2464

■ 67.7029, 71.4818,
83.6284

■ 78.3974, 82.2411,
85.1415

■ 88.3108, 92.9957,
86.6949

■ 91.0037, 98.3815,
87.5925

Harmonies

Analogous

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



21.1795, 26.8661, 72.5361



26.9679, 26.8661, 77.1631



33.2735, 26.8661, 65.4040

Triad

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



26.9679, 26.8661, 77.1631



36.1689, 26.8661, 13.3235



16.1624, 26.8661, 17.8950

Complementary

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



26.9679, 26.8661, 77.1631



46.4690, 43.2411, 13.1064

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.



19.1009, 26.8661, 9.7097



26.9679, 26.8661, 77.1631



30.4510, 26.8661, 7.9039

Square

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



26.9679, 26.8661, 77.1631



39.1085, 26.8661, 25.4066



24.1546, 26.8661, 6.9144



15.5340, 26.8661, 33.4684

Rectangle

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



26.9679, 26.8661, 77.1631



36.7241, 26.8661, 51.8476



24.1546, 26.8661, 6.9144



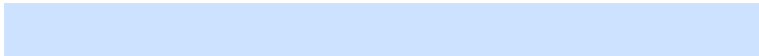
16.8870, 26.8661, 14.4121

Sweetspot

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



26.9690, 26.8670, 77.1638



70.1751, 74.5039, 105.2898



37.4973, 59.7517, 44.2091



14.3757, 15.2676, 22.4392



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.



26.9690, 26.8670, 77.1638



29.0487, 26.9948, 98.2872



20.7538, 13.1264, 74.8392



14.0939, 14.9093, 18.2793



10.7644, 8.5909, 43.4740



0.8863, 0.8166, 3.2429

Inverse Universe

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



39.6782, 23.9272, 28.5145



47.3342, 25.7750, 27.6176



58.0329, 70.9430, 17.8439



14.6350, 14.4712, 16.2783



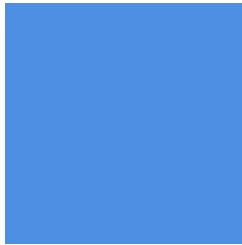
19.8269, 10.0650, 7.9832



1.5110, 0.7621, 0.8315

Previews

White Background



This preview shows how the XYZ color 26.9679, 26.8661, 77.1631 looks on a white background.

Color Contrast Check

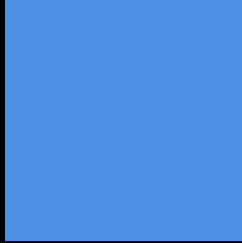
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.9679, 26.8661, 77.1631 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

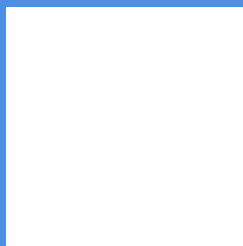
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9679, 26.8661, 77.1631

Background



This preview shows how black text looks on a background with the XYZ color 26.9679, 26.8661, 77.1631.



This preview shows how white text looks on a background with the XYZ color 26.9679, 26.8661,

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

26.9679, 26.8661, 77.1631

Protanopia

28.5921, 26.6928, 73.4573

Deuteranopia

27.5530, 26.7259, 77.1052



Tritanopia

19.7037, 26.7413, 41.1689

Trichromacy



Original Color

26.9679, 26.8661, 77.1631

Protanomaly

27.8985, 26.7338, 74.9239

Deuteranomaly

27.3327, 26.8323, 77.1373

Tritanomaly

21.8822, 26.6352, 52.7030

Monochromacy



Original Color

26.9679, 26.8661, 77.1631

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8236, 24.2292, 40.5196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9679, 26.8661, 77.1631 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(78, 143, 228)` looks like.

```
.text, #text, p{  
    color:rgb(78, 143, 228)  
}
```

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(78, 143, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 143, 228) }
```

Border

The CSS property to change the border of an element to XYZ 26.9679, 26.8661, 77.1631 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(78, 143, 228) }
```


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

```
.border{ border-color:rgb(78, 143, 228) }
```

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

Here you see how a box with a 4 pixel rgb(78, 143, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 143, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 143, 228);  
box-shadow:4px 4px 4px 4px rgb(78, 143,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9679, 26.8661, 77.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 143, 228) }
```

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

```
.background{ background-color: rgb(78, 143,  
228) }
```

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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