

Converting Colors

XYZ(26.0851, 22.2572, 72.0320)

Have a look what the booklet for
XYZ(26.0851, 22.2572, 72.0320)
contains.

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Color

**XYZ(26.0882, 22.2572,
72.0283)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7ADE
RGB	106, 122, 222
RGB Percent	42%, 48%, 87%
CMY	0.5843, 0.5216, 0.1294
CMYK	0.52, 0.45, 0.00, 0.13
HSL	232°, 64%, 64%
HSV	232°, 52%, 87%
XYZ	26.0882, 22.2572, 72.0283
YIQ	128.6160, -41.6360, 27.7080

Conversions

Conversions Part 2

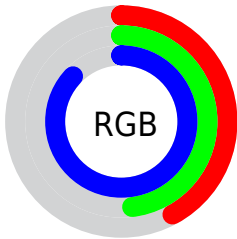
Format	Color
R _Y B	106, 120, 222
Decimal	6978270
CIE Lab	54.30, 21.93, -53.06
CIE LCh	54, 57.413, 292.455
Yxy	22.2572, 0.2167, 0.1849
Android (android.graphics.Color)	4285168350 (0xFF6A7ADE)
YUV	128.6160, 46.0383, -19.8342
Hunter-Lab	47.1775, 16.1461, -57.4967

Details

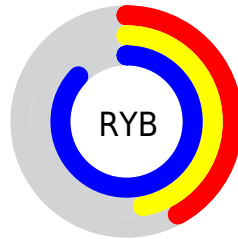
The XYZ color **26.0882, 22.2572, 72.0283** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **54.7985, 60.7150, 22.4681**, and the grayscale version is **20.5879, 21.6600, 23.5878**.

A 20% lighter version of the original color is **48.4959, 45.3846, 100.8118**, and **10.3280, 8.1643, 37.1079** is the 20% darker color. If you saturate the color by 10%, you get **21.6603, 16.8231, 71.2133**, and if you desaturate by 10%, it is **31.6635, 28.9702, 73.0307**.

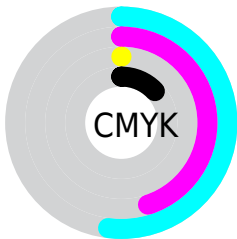
Distribution



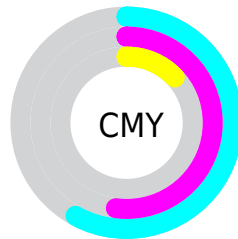
- Red (42%)
- Green (48%)
- Blue (87%)



- Red (42%)
- Yellow (47%)
- Blue (87%)



- Cyan (52%)
- Magenta (45%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (52%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0882, 22.2572, 72.0283 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 26.0882, 22.2572, 72.0283 by changing the saturation by 10% instead.

■ 26.0882, 22.2572,
72.0283

■ 26.0882, 22.2572,
72.0283

275.4635,
263.8865, 486.6203

■ 17.0227, 14.0460,
52.6948

■ 52.8475, 47.1707,
123.8049

■ 10.3461, 8.1527,
37.1731

■ 71.2719, 64.6418,
157.0850

■ 5.6930, 4.1928,
25.0447

■ 93.5468, 85.9684,
195.8511

■ 2.6982, 1.7820,
15.8911

120.0373,
111.5348, 240.5218

■ 0.9963, 0.4759,
9.2936

151.1089,
141.7254, 291.5155

■ 0.0000, 0.0000,
4.8337

187.1269,

■ 0.0000, 0.0000,

176.9246, 349.2508

2.0930

228.4566,
217.5169, 414.1462

■ 0.0000, 0.0000,
0.6116

■ 0.0000, 0.0000,
0.0000

■ 26.0882, 22.2572,
72.0283

■ 26.0882, 22.2572,
72.0283

■ 21.6603, 16.8231,
71.2133

■ 31.6635, 28.9702,
73.0307

■ 18.2958, 12.5834,
70.5722

■ 38.4565, 37.0349,
74.2293

■ 15.9036, 9.4465,
70.0928

■ 46.5352, 46.5210,
75.6345

■ 14.3753, 7.3061,
69.7603

■ 55.9617, 57.4929,
77.2554

■ 13.6649, 6.2340,
69.5908

■ 66.7940, 70.0110,
79.1007

■ 79.0868, 84.1321,
81.1785

■ 90.1849, 98.0540,
83.2808

Harmonies

Analogous

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



19.6148, 22.2572, 76.9161



26.0882, 22.2572, 72.0283



32.1931, 22.2572, 51.8616

Triad

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



26.0882, 22.2572, 72.0283



29.3613, 22.2572, 5.9003



11.3329, 22.2572, 19.9877

Complementary

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



26.0882, 22.2572, 72.0283



54.7985, 60.7150, 22.4681

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.



12.9811, 22.2572, 8.7229



26.0882, 22.2572, 72.0283



22.7734, 22.2572, 3.6164

Square

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



26.0882, 22.2572, 72.0283



34.3277, 22.2572, 13.3167



16.8862, 22.2572, 4.3069



11.8740, 22.2572, 39.9117

Rectangle

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



26.0882, 22.2572, 72.0283



34.8165, 22.2572, 36.1692



16.8862, 22.2572, 4.3069



11.6359, 22.2572, 15.2644

Sweetspot

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



26.0891, 22.2579, 72.0289



71.3877, 72.6417, 104.8665



43.0373, 59.6959, 66.7598



14.7063, 14.8807, 22.3471



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.



26.0891, 22.2579, 72.0289



29.0058, 22.2257, 97.3690



30.3011, 21.7496, 71.7087



13.1037, 13.5466, 17.3118



8.1636, 3.7968, 41.3510



0.6154, 0.3622, 2.8827

Inverse Universe

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



38.7919, 27.2440, 21.6270



48.4557, 30.6005, 20.0299



47.8738, 63.1561, 23.3042



13.7838, 13.7312, 14.6318



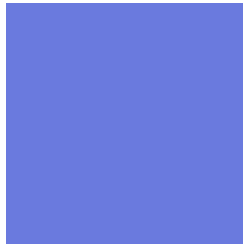
18.0608, 9.2913, 1.7202



1.2769, 0.6540, 0.2508

Previews

White Background



This preview shows how the XYZ color 26.0882, 22.2572, 72.0283 looks on a white background.

Color Contrast Check

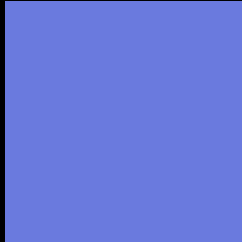
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0882, 22.2572, 72.0283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

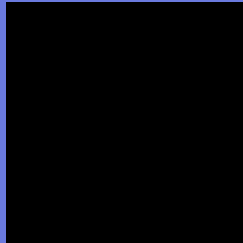
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0882, 22.2572, 72.0283

Background



This preview shows how black text looks on a background with the XYZ color 26.0882, 22.2572, 72.0283.



This preview shows how white text looks on a background with the XYZ color 26.0882, 22.2572,

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

26.0882, 22.2572, 72.0283

Protanopia

24.8445, 22.2975, 74.9459

Deuteranopia

23.1489, 22.4899, 70.8311



Tritanopia

18.0732, 22.1728, 32.1814

Trichromacy



Original Color

26.0882, 22.2572, 72.0283

Protanomaly

25.3379, 22.3788, 74.2183

Deuteranomaly

23.9948, 22.3211, 71.4503

Tritanomaly

20.4021, 21.8613, 44.2186

Monochromacy



Original Color

26.0882, 22.2572, 72.0283

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.9569, 21.6310, 37.6683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0882, 22.2572, 72.0283 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(106, 122, 222)` looks like.

```
.text, #text, p{  
    color:rgb(106, 122, 222)  
}
```

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(106, 122, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 122, 222) }
```

Border

The CSS property to change the border of an element to XYZ 26.0882, 22.2572, 72.0283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

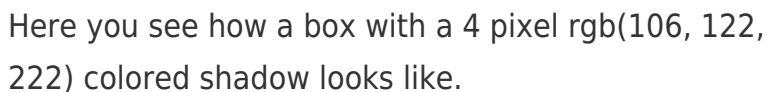
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 122, 222) }
```


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

```
.border{ border-color:rgb(106, 122, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 122, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 122, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 122, 222);  
box-shadow:4px 4px 4px 4px rgb(106, 122,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0882, 22.2572, 72.0283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 122, 222) }
```

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

```
.background{ background-color: rgb(106,  
122, 222) }
```

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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