

Converting Colors

XYZ(26.4032, 22.5042, 70.3526)

Have a look what the booklet for
XYZ(26.4032, 22.5042, 70.3526)
contains.

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Color

**XYZ(26.4333, 22.4659,
70.6533)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7ADC
RGB	111, 122, 220
RGB Percent	44%, 48%, 86%
CMY	0.5647, 0.5216, 0.1373
CMYK	0.50, 0.45, 0.00, 0.14
HSL	234°, 61%, 65%
HSV	234°, 50%, 86%
XYZ	26.4333, 22.4659, 70.6533
YIQ	129.8830, -38.0140, 28.1460

Conversions

Conversions Part 2

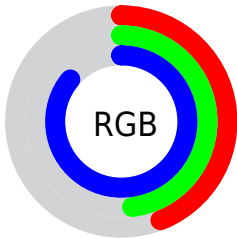
Format	Color
R _Y B	111, 121, 220
Decimal	7305948
CIE Lab	54.52, 22.41, -51.57
CIE LCh	55, 56.226, 293.490
Yxy	22.4659, 0.2211, 0.1879
Android (android.graphics.Color)	4285496028 (0xFF6F7ADC)
YUV	129.8830, 44.4277, -16.5604
Hunter-Lab	47.3982, 16.6000, -55.2008

Details

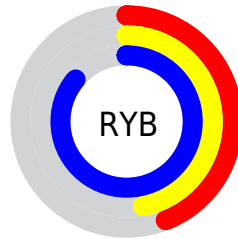
The XYZ color **26.4333, 22.4659, 70.6533** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **55.1861, 61.9660, 24.0922**, and the grayscale version is **21.0353, 22.1308, 24.1004**.

A 20% lighter version of the original color is **49.3345, 45.8169, 100.8511**, and **10.5149, 8.2817, 36.1663** is the 20% darker color. If you saturate the color by 10%, you get **21.8118, 16.8378, 69.8110**, and if you desaturate by 10%, it is **32.2326, 29.4355, 71.6934**.

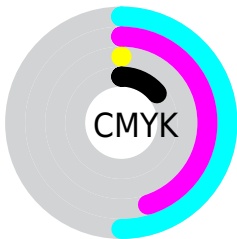
Distribution



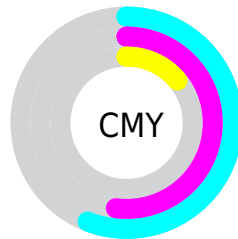
- Red (44%)
- Green (48%)
- Blue (86%)



- Red (44%)
- Yellow (47%)
- Blue (86%)



- Cyan (50%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (52%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4333, 22.4659, 70.6533 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 26.4333, 22.4659, 70.6533 by changing the saturation by 10% instead.

■ 26.4333, 22.4659,
70.6533

■ 26.4333, 22.4659,
70.6533

277.1205,
264.9698, 481.6915

■ 17.2825, 14.1996,
51.5792

■ 53.3995, 47.5148,
121.8298

■ 10.5326, 8.2596,
36.2899

■ 71.9455, 65.0663,
154.7692

■ 5.8185, 4.2615,
24.3667

■ 94.3540, 86.4816,
193.1676

■ 2.7746, 1.8209,
15.3911

120.9903,
112.1452, 237.4434

■ 1.0357, 0.5002,
8.9447

152.2197,
142.4414, 288.0151

■ 0.0000, 0.0000,
4.6088

188.4077,

■ 0.0000, 0.0000,

177.7546, 345.3014

1.9649

229.9195,
218.4693, 409.7206

■ 0.0000, 0.0000,
0.5336

■ 0.0000, 0.0000,
0.0000

■ 26.4333, 22.4659,
70.6533

■ 26.4333, 22.4659,
70.6533

■ 21.8118, 16.8378,
69.8110

■ 32.2326, 29.4355,
71.6934

■ 18.2841, 12.4621,
69.1524

■ 39.2802, 37.8231,
72.9409

■ 15.7595, 9.2429,
68.6640

■ 47.6445, 47.7023,
74.4069

■ 14.1313, 7.0686,
68.3302

■ 57.3881, 59.1408,
76.1012

■ 13.2393, 5.7906,
68.1305

■ 68.5696, 72.2022,
78.0330

■ 13.2091, 5.7487,
68.1240

■ 81.2439, 86.9464,
80.2109

■ 89.9184, 97.9473,
81.8771

Harmonies

Analogous

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



20.0377, 22.4659, 76.0453



26.4333, 22.4659, 70.6533



32.3639, 22.4659, 50.7175

Triad

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



26.4333, 22.4659, 70.6533



29.2077, 22.4659, 6.0671



11.6110, 22.4659, 20.8123

Complementary

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



26.4333, 22.4659, 70.6533



55.1861, 61.9660, 24.0922

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.



13.1747, 22.4659, 9.3163



26.4333, 22.4659, 70.6533



22.7249, 22.4659, 3.8631

Square

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



26.4333, 22.4659, 70.6533



34.1690, 22.4659, 13.2746



16.9696, 22.4659, 4.6715



12.2248, 22.4659, 40.6355

Rectangle

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



26.4333, 22.4659, 70.6533



34.8486, 22.4659, 35.4285



16.9696, 22.4659, 4.6715



11.8877, 22.4659, 16.0294

Sweetspot

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



26.4342, 22.4667, 70.6539



72.3444, 73.4403, 104.9702



43.4468, 59.0855, 68.3287



14.8801, 15.0088, 22.3627



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.



26.4342, 22.4667, 70.6539



30.5070, 23.5642, 97.5482



31.6998, 23.2887, 70.5350



12.4439, 12.8275, 16.4722



7.7898, 3.4491, 39.9936



0.5414, 0.2970, 2.6032

Inverse Universe

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



38.7133, 27.9908, 21.7753



49.6197, 32.6212, 21.3648



46.8732, 61.8254, 24.5032



13.1092, 13.0728, 13.8361



17.4273, 8.9719, 1.3641



1.1476, 0.5887, 0.1861

Previews

White Background



This preview shows how the XYZ color 26.4333, 22.4659, 70.6533 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 26.4333, 22.4659, 70.6533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

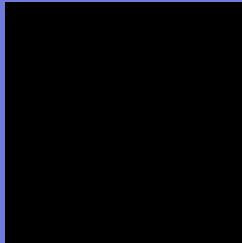
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4333, 22.4659, 70.6533

Background



This preview shows how black text looks on a background with the XYZ color 26.4333, 22.4659, 70.6533.



This preview shows how white text looks on a background with the XYZ color 26.4333, 22.4659,

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

26.4333, 22.4659, 70.6533

Protanopia

25.1105, 22.6412, 74.2809

Deuteranopia

23.2970, 22.5966, 69.4634



Tritanopia

18.6331, 22.4707, 31.7890

Trichromacy



Original Color

26.4333, 22.4659, 70.6533

Protanomaly

25.4768, 22.4817, 72.8087

Deuteranomaly

24.2517, 22.4841, 70.0795

Tritanomaly

20.9189, 22.1391, 43.7282

Monochromacy



Original Color

26.4333, 22.4659, 70.6533

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3686, 22.0340, 37.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4333, 22.4659, 70.6533 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(111, 122, 220)` looks like.

```
.text, #text, p{  
    color:rgb(111, 122, 220)  
}
```

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(111, 122, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 122, 220) }
```

Border

The CSS property to change the border of an element to XYZ 26.4333, 22.4659, 70.6533 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(111, 122, 220) }
```


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

```
.border{ border-color:rgb(111, 122, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 122, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 122, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 122, 220);  
box-shadow:4px 4px 4px 4px rgb(111, 122,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4333, 22.4659, 70.6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 122, 220) }
```

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

```
.background{ background-color: rgb(111,  
122, 220) }
```

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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