

Converting Colors

XYZ(22.4122, 24.0064, 29.0209)

Have a look what the booklet for
XYZ(22.4122, 24.0064, 29.0209)
contains.

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Color

**XYZ(22.4390, 24.0733,
29.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	7F888E
RGB	127, 136, 142
RGB Percent	50%, 53%, 56%
CMY	0.5020, 0.4667, 0.4431
CMYK	0.11, 0.04, 0.00, 0.44
HSL	204°, 6%, 53%
HSV	204°, 11%, 56%
XYZ	22.4390, 24.0733, 29.0551
YIQ	133.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

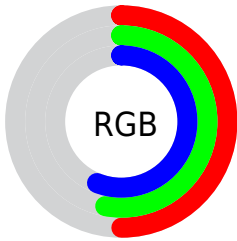
Format	Color
R_{YB}	127, 133, 142
Decimal	8358030
CIE Lab	56.16, -2.02, -4.35
CIE LCh	56, 4.790, 245.115
Yxy	24.0733, 0.2969, 0.3186
Android (android.graphics.Color)	4286548110 (0xFF7F888E)
YUV	133.9930, 3.9475, -6.1329
Hunter-Lab	49.0645, -4.2284, -0.7652

Details

The XYZ color **22.4390, 24.0733, 29.0551** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3737, 24.0580, 23.4908**, and the grayscale version is **22.6458, 23.8252, 25.9456**.

A 20% lighter version of the original color is **46.9838, 50.0840, 59.4154**, and **8.4014, 9.0480, 11.4288** is the 20% darker color. If you saturate the color by 10%, you get **19.6930, 21.5024, 28.7040**, and if you desaturate by 10%, it is **25.5269, 26.8846, 29.4354**.

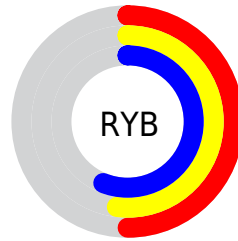
Distribution



Red (50%)

Green (53%)

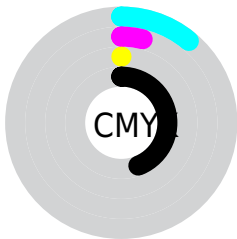
Blue (56%)



Red (50%)

Yellow (52%)

Blue (56%)

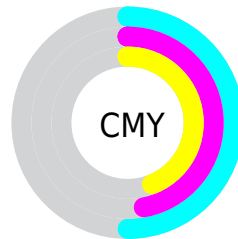


Cyan (11%)

Magenta (4%)

Yellow (0%)

Black (44%)



Cyan (50%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4390, 24.0733, 29.0551 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 22.4390, 24.0733, 29.0551 by changing the saturation by 10% instead.

■ 22.4390, 24.0733,
29.0551

■ 22.4390, 24.0733,
29.0551

257.4198,
273.1908, 311.5439

■ 14.2982, 15.3880,
18.8766

■ 46.9440, 50.1498,
59.2078

■ 8.4115, 9.0921,
11.4052

■ 64.0389, 68.3098,
80.0191

■ 4.4134, 4.8013,
6.2225

■ 84.8492, 90.3968,
105.2118

■ 1.9385, 2.1312,
2.9099

109.7404,
116.7952, 135.2043

■ 0.5991, 0.6821,
1.0488

139.0776,
147.8894, 170.4152

■ 0.0000, 0.0000,
0.0000

173.2264,

184.0638, 211.2631

212.5520,
225.7028, 258.1665

■ 22.4390, 24.0733,
29.0551

■ 22.4390, 24.0733,
29.0551

■ 19.6930, 21.5024,
28.7040

■ 25.5269, 26.8846,
29.4354

■ 17.2736, 19.1612,
28.3796

■ 28.9669, 29.9407,
29.8439

■ 15.1678, 17.0426,
28.0817

■ 32.7714, 33.2494,
30.2821

■ 13.3605, 15.1378,
27.8093

■ 36.9514, 36.8173,
30.7504

■ 11.8353, 13.4374,
27.5614

■ 41.5176, 40.6509,
31.2497

■ 10.5742, 11.9310,
27.3371

■ 46.4802, 44.7563,
31.7806

■ 9.5569, 10.6070,
27.1352

■ 51.8490, 49.1393,
32.3436

■ 8.7597, 9.4520,
26.9543

■ 57.6333, 53.8057,
32.9395

■ 8.1484, 8.4848,
26.7998

■ 63.8424, 58.7609,
33.5687

Harmonies

Analogous

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



22.0271, 24.0733, 27.9920



22.4390, 24.0733, 29.0551



22.9753, 24.0733, 29.3442

Triad

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



22.4390, 24.0733, 29.0551



23.9501, 24.0733, 25.9428



22.2783, 24.0733, 23.8125

Complementary

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



22.4390, 24.0733, 29.0551



23.3737, 24.0580, 23.4908

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.



22.7868, 24.0733, 23.3105



22.4390, 24.0733, 29.0551



23.7566, 24.0733, 24.5086

Square

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



22.4390, 24.0733, 29.0551



23.8533, 24.0733, 27.5064



23.3287, 24.0733, 23.5602



21.9353, 24.0733, 24.9583

Rectangle

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



22.4390, 24.0733, 29.0551



23.3326, 24.0733, 29.0496



23.3287, 24.0733, 23.5602



22.4352, 24.0733, 23.5650

Sweetspot

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



22.4397, 24.0743, 29.0556



43.5959, 46.1295, 51.7340



22.6421, 25.5450, 25.8375



9.6439, 10.2186, 11.5435



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.4397, 24.0743, 29.0556



38.2004, 41.1837, 51.0637



21.4526, 22.1001, 28.7266



5.3818, 5.7593, 6.8568



7.3343, 7.6546, 24.0680



0.0917, 0.1164, 0.2373

Inverse Universe

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



23.1891, 22.7075, 26.4545



39.8413, 38.2480, 45.3558



24.4011, 26.1128, 23.8332



5.5362, 5.4750, 6.3214



11.5051, 5.7591, 8.3112



0.1209, 0.0594, 0.1369

Previews

White Background



This preview shows how the XYZ color 22.4390, 24.0733, 29.0551 looks on a white background.

Color Contrast Check

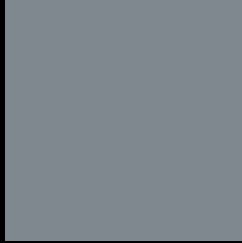
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4390, 24.0733, 29.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

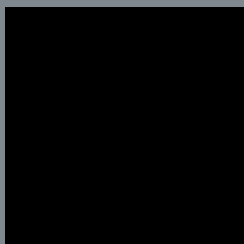
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

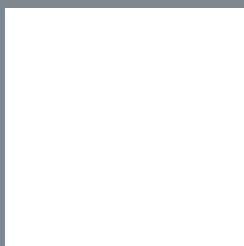
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4390, 24.0733, 29.0551

Background



This preview shows how black text looks on a background with the XYZ color 22.4390, 24.0733, 29.0551.



This preview shows how white text looks on a background with the XYZ color 22.4390, 24.0733,

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

22.4390, 24.0733, 29.0551

Protanopia

23.3245, 24.1242, 28.6264

Deuteranopia

24.5758, 24.1451, 29.3518



Tritanopia

22.7544, 23.9925, 30.6259

Trichromacy



Original Color

22.4390, 24.0733, 29.0551

Protanomaly

22.9874, 24.1566, 28.6504

Deuteranomaly

23.8267, 24.1615, 29.3944

Tritanomaly

22.6769, 23.9615, 30.2179

Monochromacy



Original Color

22.4390, 24.0733, 29.0551

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5394, 23.9594, 27.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4390, 24.0733, 29.0551 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(127, 136, 142)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 142)  
}
```

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(127, 136, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 142) }
```

Border

The CSS property to change the border of an element to XYZ 22.4390, 24.0733, 29.0551 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(127, 136, 142) }
```


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

```
.border{ border-color:rgb(127, 136, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 136, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 142);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4390, 24.0733, 29.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 142) }
```

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

```
.background{ background-color: rgb(127,  
136, 142) }
```

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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