

Converting Colors

XYZ(22.2074, 21.2838, 25.4587)

Have a look what the booklet for
XYZ(22.2074, 21.2838, 25.4587)
contains.

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Color

**XYZ(22.2471, 21.3030,
25.4936)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7A86
RGB	141, 122, 134
RGB Percent	55%, 48%, 53%
CMY	0.4471, 0.5216, 0.4745
CMYK	0.00, 0.13, 0.05, 0.45
HSL	322°, 8%, 52%
HSV	322°, 13%, 55%
XYZ	22.2471, 21.3030, 25.4936
YIQ	129.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

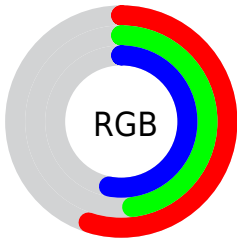
Format	Color
R_{YB}	141, 122, 134
Decimal	9271942
CIE Lab	53.28, 9.52, -3.82
CIE LCh	53, 10.260, 338.132
Yxy	21.3030, 0.3222, 0.3085
Android (android.graphics.Color)	4287462022 (0xFF8D7A86)
YUV	129.0490, 2.4408, 10.4810
Hunter-Lab	46.1552, 5.2666, -0.4399

Details

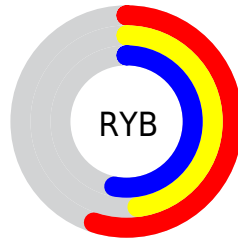
The XYZ color **22.2471, 21.3030, 25.4936** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5142, 24.7729, 24.4177**, and the grayscale version is **20.8738, 21.9608, 23.9154**.

A 20% lighter version of the original color is **46.6114, 45.4621, 53.3321**, and **8.2972, 7.6293, 9.4228** is the 20% darker color. If you saturate the color by 10%, you get **20.2865, 17.9473, 23.0961**, and if you desaturate by 10%, it is **24.4779, 25.1701, 28.0695**.

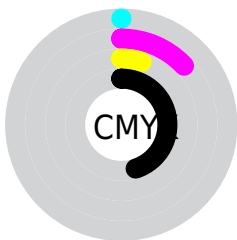
Distribution



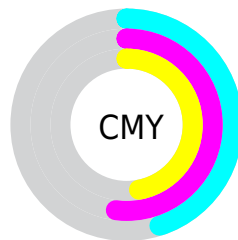
- Red (55%)
- Green (48%)
- Blue (53%)



- Red (55%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2471, 21.3030, 25.4936 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 22.2471, 21.3030, 25.4936 by changing the saturation by 10% instead.

■ 22.2471, 21.3030,
25.4936

■ 22.2471, 21.3030,
25.4936

256.4422,
258.8844, 293.8132

■ 14.1562, 13.3457,
16.2228

■ 46.6299, 45.5913,
53.4309

■ 8.3118, 7.6670,
9.5259

■ 63.6525, 62.6910,
72.9345

■ 4.3486, 3.8826,
4.9843

■ 84.3830, 83.6070,
96.6861

■ 1.9012, 1.6081,
2.1795

109.1868,
108.7236, 125.1042

■ 0.5775, 0.3631,
0.6625

138.4293,
138.4252, 158.6075

■ 0.0000, 0.0000,
0.0000

172.4758,

173.0963, 197.6144

211.6916,
213.1213, 242.5434

■ 22.2471, 21.3030,
25.4936

■ 22.2471, 21.3030,
25.4936

■ 20.2865, 17.9473,
23.0961

■ 24.4779, 25.1701,
28.0695

■ 18.5833, 15.0786,
20.8708

■ 26.9875, 29.5661,
30.8272

■ 17.1263, 12.6746,
18.8128

■ 29.7863, 34.5112,
33.7716

■ 15.9027, 10.7102,
16.9167

■ 32.8836, 40.0237,
36.9068

■ 14.8986, 9.1578,
15.1764

■ 36.2883, 46.1210,
40.2372

■ 14.0984, 7.9870,
13.5854

■ 40.0089, 52.8196,
43.7666

■ 13.4844, 7.1626,
12.1364

■ 44.0536, 60.1357,
47.4988

■ 13.0355, 6.6429,
10.8210

■ 48.4303, 68.0846,
51.4376

■ 12.7898, 6.3848,
10.0198

■ 53.1465, 76.6812,
55.5866

Harmonies

Analogous

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



21.5641, 21.3030, 28.2216



22.2471, 21.3030, 25.4936



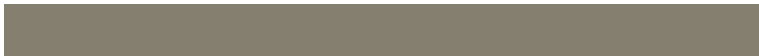
22.3849, 21.3030, 22.3601

Triad

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



22.2471, 21.3030, 25.4936



19.9541, 21.3030, 17.7673



18.6502, 21.3030, 27.0852

Complementary

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



22.2471, 21.3030, 25.4936



21.5142, 24.7729, 24.4177

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.



18.2513, 21.3030, 24.0511



22.2471, 21.3030, 25.4936



18.9863, 21.3030, 18.8044

Square

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



22.2471, 21.3030, 25.4936



21.0352, 21.3030, 18.0788



18.3721, 21.3030, 21.0395



19.4804, 21.3030, 29.1962

Rectangle

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



22.2471, 21.3030, 25.4936



22.1446, 21.3030, 20.4898



18.3721, 21.3030, 21.0395



18.4626, 21.3030, 26.1292

Sweetspot

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



22.2477, 21.3039, 25.4941



43.5767, 44.6240, 49.9756



20.8163, 20.5077, 28.0608



9.6690, 9.8555, 11.0898



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.



22.2477, 21.3039, 25.4941



38.7852, 36.3347, 44.3907



21.6167, 21.0515, 22.1711



5.5431, 5.4778, 6.3579



11.6695, 5.8248, 9.1770



0.1222, 0.0600, 0.1439

Inverse Universe

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



22.2477, 21.3039, 25.4941



38.7852, 36.3347, 44.3907



22.1729, 25.0364, 27.8866



5.5431, 5.4778, 6.3579



11.6695, 5.8248, 9.1770



0.1222, 0.0600, 0.1439

Previews

White Background



This preview shows how the XYZ color 22.2471, 21.3030, 25.4936 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 22.2471, 21.3030, 25.4936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

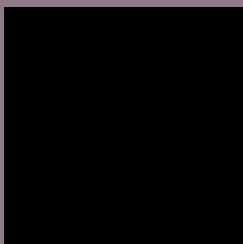
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2471, 21.3030, 25.4936

Background



This preview shows how black text looks on a background with the XYZ color 22.2471, 21.3030, 25.4936.



This preview shows how white text looks on a background with the XYZ color 22.2471, 21.3030,

25.4936.

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

22.2471, 21.3030, 25.4936

Protanopia

20.8571, 21.4969, 26.7169

Deuteranopia

21.8273, 21.4549, 25.5450



Tritanopia

22.1089, 21.2477, 24.7658

Trichromacy



Original Color

22.2471, 21.3030, 25.4936

Protanomaly

21.2933, 21.3503, 26.2913

Deuteranomaly

21.8673, 21.2904, 25.5112

Tritanomaly

22.1777, 21.2752, 25.1279

Monochromacy



Original Color

22.2471, 21.3030, 25.4936

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2305, 21.5469, 24.5127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2471, 21.3030, 25.4936 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(141, 122, 134)` looks like.

```
.text, #text, p{  
    color:rgb(141, 122, 134)  
}
```

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(141, 122, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 122, 134) }
```

Border

The CSS property to change the border of an element to XYZ 22.2471, 21.3030, 25.4936 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(141, 122, 134) }
```


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

```
.border{ border-color:rgb(141, 122, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 122, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 122, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 122, 134);  
box-shadow:4px 4px 4px 4px rgb(141, 122,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2471, 21.3030, 25.4936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 122, 134) }
```

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

```
.background{ background-color: rgb(141,  
122, 134) }
```

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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