

Converting Colors

XYZ(24.4981, 21.7357, 26.0926)

Have a look what the booklet for
XYZ(24.4981, 21.7357, 26.0926)
contains.

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Color

**XYZ(24.4399, 21.7030,
26.1935)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7688
RGB	155, 118, 136
RGB Percent	61%, 46%, 53%
CMY	0.3922, 0.5372, 0.4667
CMYK	0.00, 0.24, 0.12, 0.39
HSL	331°, 16%, 54%
HSV	331°, 24%, 61%
XYZ	24.4399, 21.7030, 26.1935
YIQ	131.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

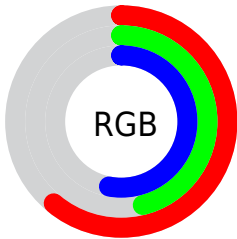
Format	Color
R_{YB}	155, 118, 136
Decimal	10188424
CIE _{Lab}	53.71, 17.47, -4.20
CIE _{LCh}	54, 17.969, 346.495
Yxy	21.7030, 0.3379, 0.3000
Android (android.graphics.Color)	4288378504 (0xFF9B7688)
YUV	131.1150, 2.4083, 20.9471
Hunter-Lab	46.5865, 12.1172, -0.7256

Details

The XYZ color **24.4399, 21.7030, 26.1935** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7088, 29.1009, 28.0357**, and the grayscale version is **21.6026, 22.7276, 24.7503**.

A 20% lighter version of the original color is **50.1384, 46.1252, 54.4046**, and **9.4014, 7.8117, 9.8164** is the 20% darker color. If you saturate the color by 10%, you get **22.2176, 18.1303, 22.7646**, and if you desaturate by 10%, it is **27.0054, 25.8944, 29.9446**.

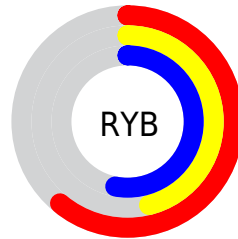
Distribution



Red (61%)

Green (46%)

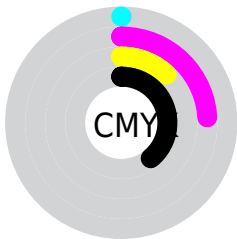
Blue (53%)



Red (61%)

Yellow (46%)

Blue (53%)

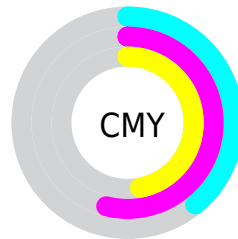


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (39%)



Cyan (39%)


Magenta (54%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4399, 21.7030, 26.1935 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 24.4399, 21.7030, 26.1935 by changing the saturation by 10% instead.


 24.4399, 21.7030,
26.1935


 24.4399, 21.7030,
26.1935


267.4364,
260.9913, 297.3663


 15.7868, 13.6388,
16.7414


 50.1966, 46.2546,
54.5749

 9.4633, 7.8699,
9.8903


 68.0308, 63.5109,
74.3412

 5.1041, 4.0118,
5.2216

 89.6561, 84.5999,
98.3827

 2.3438, 1.6802,
2.3169

115.4379,
109.9062, 127.1178

 0.8170, 0.4108,
0.7406

145.7414,
139.8141, 160.9653

 0.0000, 0.0000,
0.0000

180.9321,

174.7080, 200.3434

221.3753,
214.9723, 245.6710

■ 24.4399, 21.7030,
26.1935

■ 24.4399, 21.7030,
26.1935

■ 22.2176, 18.1303,
22.7646

■ 27.0054, 25.8944,
29.9446

■ 20.3212, 15.1436,
19.6469

■ 29.9267, 30.7292,
34.0258

■ 18.7344, 12.7120,
16.8307

■ 33.2182, 36.2342,
38.4463

■ 17.4388, 10.8000,
14.3049

■ 36.8928, 42.4340,
43.2143

■ 16.4141, 9.3686,
12.0579

■ 40.9627, 49.3518,
48.3381

■ 15.6368, 8.3726,
10.0767

■ 45.4397, 57.0099,
53.8254

■ 15.0791, 7.7582,
8.3465

■ 50.3349, 65.4294,
59.6837

■ 14.8014, 7.4821,
7.3926

■ 55.6592, 74.6306,
65.9202

■ 60.6188, 83.0250,
72.2741

Harmonies

Analogous

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



23.4305, 21.7030, 31.7042



24.4399, 21.7030, 26.1935



24.3840, 21.7030, 20.7474

Triad

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



24.4399, 21.7030, 26.1935



19.5950, 21.7030, 14.8553



18.1838, 21.7030, 32.1823

Complementary

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



24.4399, 21.7030, 26.1935



23.7088, 29.1009, 28.0357

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.



17.2791, 21.7030, 26.7698



24.4399, 21.7030, 26.1935



18.0585, 21.7030, 17.0595

Square

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



24.4399, 21.7030, 26.1935



21.5044, 21.7030, 14.7505



17.2347, 21.7030, 21.2411



19.7758, 21.7030, 35.5076

Rectangle

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



24.4399, 21.7030, 26.1935



23.7485, 21.7030, 17.8710



17.2347, 21.7030, 21.2411



17.7936, 21.7030, 30.5118

Sweetspot

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



24.4405, 21.7040, 26.1940



51.8139, 52.0731, 58.4818



22.6304, 20.6007, 33.7941



11.6636, 11.6800, 13.1479



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.4405, 21.7040, 26.1940



41.4289, 35.0911, 43.3421



23.2668, 21.2345, 20.0131



6.3277, 6.2702, 7.1058



11.9076, 6.0173, 6.0386



0.1963, 0.0973, 0.1865

Inverse Universe

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



24.4405, 21.7040, 26.1940



41.4289, 35.0911, 43.3421



25.1096, 29.6612, 35.4123



6.3277, 6.2702, 7.1058



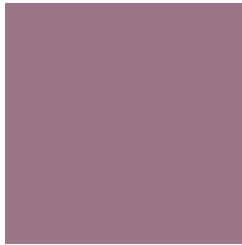
11.9076, 6.0173, 6.0386



0.1963, 0.0973, 0.1865

Previews

White Background



This preview shows how the XYZ color 24.4399, 21.7030, 26.1935 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 24.4399, 21.7030, 26.1935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

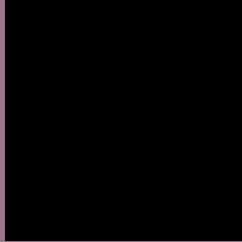
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4399, 21.7030, 26.1935

Background



This preview shows how black text looks on a background with the XYZ color 24.4399, 21.7030, 26.1935.



This preview shows how white text looks on a background with the XYZ color 24.4399, 21.7030,

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

24.4399, 21.7030, 26.1935

Protanopia

21.3541, 21.9034, 28.6935

Deuteranopia

22.1880, 21.8198, 25.9639



Tritanopia

23.8195, 21.6222, 23.3401

Trichromacy



Original Color

24.4399, 21.7030, 26.1935

Protanomaly

22.2578, 21.6271, 27.8123

Deuteranomaly

22.8343, 21.5976, 25.8869

Tritanomaly

24.0200, 21.7024, 24.3957

Monochromacy



Original Color

24.4399, 21.7030, 26.1935

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5097, 22.1906, 25.2871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4399, 21.7030, 26.1935 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(155, 118, 136)` looks like.

```
.text, #text, p{  
    color:rgb(155, 118, 136)  
}
```

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(155, 118, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 118, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.4399, 21.7030, 26.1935 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(155, 118, 136) }
```


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

```
.border{ border-color:rgb(155, 118, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 118, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 118, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 118, 136);  
box-shadow:4px 4px 4px 4px rgb(155, 118,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4399, 21.7030, 26.1935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 118, 136) }
```

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

```
.background{ background-color: rgb(155,  
118, 136) }
```

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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