

Converting Colors

XYZ(23.8593, 22.2794, 22.4944)

Have a look what the booklet for
XYZ(23.8593, 22.2794, 22.4944)
contains.

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Color

**XYZ(23.7981, 22.1720,
22.4274)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 997A7D |
| RGB | 153, 122, 125 |
| RGB Percent | 60%, 48%, 49% |
| CMY | 0.4000, 0.5216, 0.5098 |
| CMYK | 0.00, 0.20, 0.18, 0.40 |
| HSL | 354°, 13%, 54% |
| HSV | 354°, 20%, 60% |
| XYZ | 23.7981, 22.1720, 22.4274 |
| YIQ | 131.6110, 17.5130, 7.5050 |

Conversions

Conversions Part 2

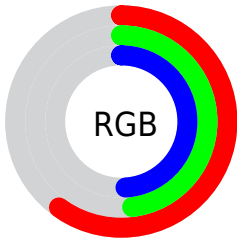
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 153, 122, 125 |
| Decimal | 10058365 |
| CIE Lab | 54.21, 12.52, 2.94 |
| CIE LCh | 54, 12.855, 13.200 |
| Yxy | 22.1720, 0.3479, 0.3242 |
| Android (android.graphics.Color) | 4288248445 (0xFF997A7D) |
| YUV | 131.6110, -3.2592, 18.7582 |
| Hunter-Lab | 47.0872, 7.8123, 4.7214 |

Details

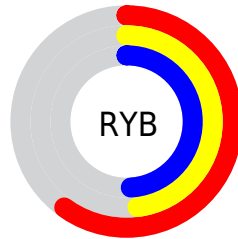
The XYZ color **23.7981, 22.1720, 22.4274** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9232, 29.1227, 33.1632**, and the grayscale version is **21.7996, 22.9349, 24.9761**.

A 20% lighter version of the original color is **49.3783, 47.2842, 48.6437**, and **9.0539, 8.0536, 7.9148** is the 20% darker color. If you saturate the color by 10%, you get **21.2430, 18.3777, 17.5187**, and if you desaturate by 10%, it is **26.7731, 26.6090, 28.0827**.

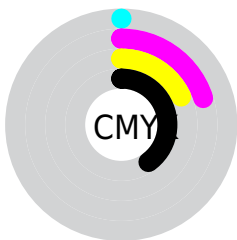
Distribution



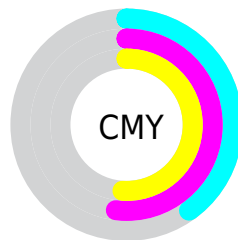
- Red (60%)
- Green (48%)
- Blue (49%)



- Red (60%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7981, 22.1720, 22.4274 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 23.7981, 22.1720, 22.4274 by changing the saturation by 10% instead.

■ 23.7981, 22.1720,
22.4274

■ 23.7981, 22.1720,
22.4274

264.2576,
263.4432, 277.7962

■ 15.3078, 13.9833,
13.9700

■ 49.1576, 47.0301,
48.3626

■ 9.1234, 8.1091,
7.9613

■ 66.7576, 64.4683,
66.6775

■ 4.8795, 4.1648,
3.9828

■ 88.1248, 85.7586,
89.1152

■ 2.2108, 1.7662,
1.6159

113.6247,
111.2852, 116.0944

■ 0.7484, 0.4660,
0.3021

143.6225,
141.4325, 148.0335

■ 0.0000, 0.0000,
0.0000

178.4837,

176.5851, 185.3512

218.5736,
217.1271, 228.4659

■ 23.7981, 22.1720,
22.4274

■ 23.7981, 22.1720,
22.4274

■ 21.2430, 18.3777,
17.5187

■ 26.7731, 26.6090,
28.0827

■ 19.0872, 15.1935,
13.3241

■ 30.1837, 31.7134,
34.5127

■ 17.3108, 12.5884,
9.8107


■ 34.0473, 37.5123,
41.7454


■ 15.8919, 10.5275,
6.9424


■ 38.3797, 44.0303,
49.8073


■ 14.8060, 8.9723,
4.6798


■ 43.1957, 51.2910,
58.7235


 14.0258, 7.8790,
2.9793


 48.5098, 59.3167,
68.5182

 13.5192, 7.1964,
1.7913

 54.3357, 68.1289,
79.2144

 13.2218, 6.8063,
1.0612

 60.6867, 77.7481,
90.8345

 66.0562, 85.1560,
102.8936

Harmonies

Analogous

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



23.7508, 22.1720, 26.4335



23.7981, 22.1720, 22.4274



23.0928, 22.1720, 19.2499

Triad

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



23.7981, 22.1720, 22.4274



19.2883, 22.1720, 18.9576



20.3071, 22.1720, 32.2786

Complementary

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



23.7981, 22.1720, 22.4274



24.9232, 29.1227, 33.1632

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.



19.1761, 22.1720, 29.7987



23.7981, 22.1720, 22.4274



18.6060, 22.1720, 21.9861

Square

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



23.7981, 22.1720, 22.4274



20.4665, 22.1720, 17.4009



18.5658, 22.1720, 25.9409



21.6931, 22.1720, 32.4306

Rectangle

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



23.7981, 22.1720, 22.4274



22.3080, 22.1720, 17.9065



18.5658, 22.1720, 25.9409



19.8860, 22.1720, 31.6781

Sweetspot

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



23.7987, 22.1730, 22.4279



50.3798, 51.2907, 54.8896



25.2693, 22.6945, 33.1860



11.0475, 11.2105, 11.9751



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.7987, 22.1730, 22.4279



40.6018, 36.7073, 36.3002



25.2309, 25.3393, 21.9747



6.2319, 6.2319, 6.6011



10.9337, 5.6277, 0.9101



0.1691, 0.0864, 0.0432

Inverse Universe

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



23.7987, 22.1730, 22.4279



40.6018, 36.7073, 36.3002



23.2426, 25.3703, 33.8093



6.2319, 6.2319, 6.6011



10.9337, 5.6277, 0.9101



0.1691, 0.0864, 0.0432

Previews

White Background



This preview shows how the XYZ color 23.7981, 22.1720, 22.4274 looks on a white background.

Color Contrast Check

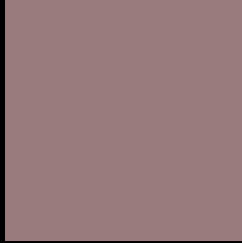
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7981, 22.1720, 22.4274 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 23.7981, 22.1720, 22.4274

Background



This preview shows how black text looks on a background with the XYZ color 23.7981, 22.1720, 22.4274.



This preview shows how white text looks on a background with the XYZ color 23.7981, 22.1720,

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

23.7981, 22.1720, 22.4274

Protanopia

21.3284, 22.1910, 23.9280

Deuteranopia

22.4733, 22.0518, 22.1407



Tritanopia

24.2605, 22.1835, 24.4759

Trichromacy



Original Color

23.7981, 22.1720, 22.4274

Protanomaly

22.1724, 22.0557, 23.5106

Deuteranomaly

22.8784, 22.0736, 22.1236

Tritanomaly

24.1262, 22.1297, 23.7688

Monochromacy



Original Color

23.7981, 22.1720, 22.4274

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.4968, 22.5988, 23.9452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7981, 22.1720, 22.4274 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(153, 122, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 122, 125)  
}
```

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(153, 122, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 122, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.7981, 22.1720, 22.4274 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(153, 122, 125) }
```


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

```
.border{ border-color:rgb(153, 122, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 122, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 122, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 122, 125);  
box-shadow:4px 4px 4px 4px rgb(153, 122,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7981, 22.1720, 22.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 122, 125) }
```

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

```
.background{ background-color: rgb(153,  
122, 125) }
```

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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