

Converting Colors

XYZ(22.1243, 21.8416, 21.3652)

Have a look what the booklet for
XYZ(22.1243, 21.8416, 21.3652)
contains.

XYZ(22.1742, 21.9120, 21.4731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.1742, 21.9120,
21.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7D7A
RGB	143, 125, 122
RGB Percent	56%, 49%, 48%
CMY	0.4392, 0.5098, 0.5216
CMYK	0.00, 0.13, 0.15, 0.44
HSL	9°, 9%, 52%
HSV	9°, 15%, 56%
XYZ	22.1742, 21.9120, 21.4731
YIQ	130.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

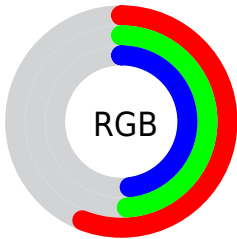
Format	Color
R_{YB}	143, 126, 122
Decimal	9403770
CIE _{Lab}	53.93, 6.37, 4.16
CIE _{LCh}	54, 7.605, 33.166
Yxy	21.9120, 0.3382, 0.3342
Android (android.graphics.Color)	4287593850 (0xFF8F7D7A)
YUV	130.0400, -3.9637, 11.3659
Hunter-Lab	46.8103, 2.6382, 5.5693

Details

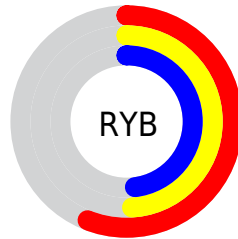
The XYZ color **22.1742, 21.9120, 21.4731** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3620, 24.8766, 29.6100**, and the grayscale version is **21.2434, 22.3497, 24.3389**.

A 20% lighter version of the original color is **46.5863, 46.7671, 46.6160**, and **8.2007, 7.9252, 7.4008** is the 20% darker color. If you saturate the color by 10%, you get **19.8958, 18.6701, 16.6591**, and if you desaturate by 10%, it is **24.7757, 25.5909, 27.0386**.

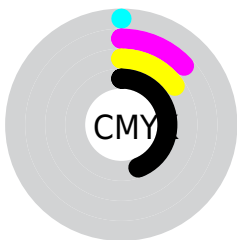
Distribution



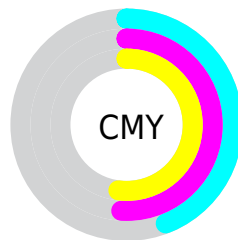
- Red (56%)
- Green (49%)
- Blue (48%)



- Red (56%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1742, 21.9120, 21.4731 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 22.1742, 21.9120, 21.4731 by changing the saturation by 10% instead.

■ 22.1742, 21.9120,
21.4731

■ 22.1742, 21.9120,
21.4731

256.0699,
262.0864, 272.6453

■ 14.1023, 13.7923,
13.2757

■ 46.5105, 46.6005,
46.7646

■ 8.2740, 7.9763,
7.4857

■ 63.5055, 63.9381,
64.6956

■ 4.3241, 4.0798,
3.6846

■ 84.2056, 85.1170,
86.7084

■ 1.8870, 1.7183,
1.4540

108.9762,
110.5217, 113.2213

■ 0.5693, 0.4355,
0.1833

138.1825,
140.5366, 144.6529

■ 0.0000, 0.0000,
0.0000

172.1901,

175.5461, 181.4217

211.3641,
215.9346, 223.9464

■ 22.1742, 21.9120,
21.4731

■ 22.1742, 21.9120,
21.4731

■ 19.8958, 18.6701,
16.6591

■ 24.7757, 25.5909,
27.0386

■ 17.9260, 15.8462,
12.5631

■ 27.7104, 29.7192,
33.3845

■ 16.2520, 13.4241,
9.1509

■ 30.9903, 34.3125,
40.5398

■ 14.8594, 11.3854,
6.3852

■ 34.6259, 39.3846,
48.5317

■ 13.7324, 9.7103,
4.2250

■ 38.6277, 44.9488,
57.3859

■ 12.8538, 8.3773,
2.6247

■ 43.0056, 51.0180,
67.1274

■ 12.2043, 7.3624,
1.5319

■ 47.7690, 57.6045,
77.7797

■ 11.7605, 6.6384,
0.8797

■ 52.9271, 64.7202,
89.3659

■ 11.5859, 6.3559,
0.6162

■ 58.4887, 72.3765,
101.9079

Harmonies

Analogous

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



22.4405, 21.9120, 23.6100



22.1742, 21.9120, 21.4731



21.5464, 21.9120, 20.0528

Triad

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



22.1742, 21.9120, 21.4731



19.4516, 21.9120, 21.8782



20.9139, 21.9120, 28.6555

Complementary

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



22.1742, 21.9120, 21.4731



22.3620, 24.8766, 29.6100

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.



20.1233, 21.9120, 28.1175



22.1742, 21.9120, 21.4731



19.2922, 21.9120, 24.1086

Square

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



22.1742, 21.9120, 21.4731



19.9762, 21.9120, 20.2756



19.5349, 21.9120, 26.4142



21.7010, 21.9120, 27.8402

Rectangle

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



22.1742, 21.9120, 21.4731



21.0148, 21.9120, 19.6511



19.5349, 21.9120, 26.4142



20.6397, 21.9120, 28.6271

Sweetspot

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



22.1748, 21.9130, 21.4736



44.6675, 46.2498, 49.0639



23.0360, 21.6584, 27.8550



10.1640, 10.4944, 11.0810



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.1748, 21.9130, 21.4736



38.1369, 37.0070, 35.1157



23.5468, 24.6569, 21.9309



5.4673, 5.5408, 5.6707



10.2542, 5.6401, 0.5482



0.1076, 0.0731, 0.0084

Inverse Universe

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



22.3620, 24.8766, 29.6100



38.5455, 43.4833, 52.8996



20.9271, 22.0067, 29.1317



5.4955, 5.9867, 6.8947



10.6092, 14.2045, 25.1597



0.1131, 0.1591, 0.2444

Previews

White Background



This preview shows how the XYZ color 22.1742, 21.9120, 21.4731 looks on a white background.

Color Contrast Check

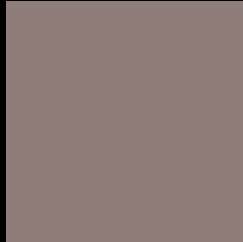
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1742, 21.9120, 21.4731 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 22.1742, 21.9120, 21.4731

Background



This preview shows how black text looks on a background with the XYZ color 22.1742, 21.9120, 21.4731.



This preview shows how white text looks on a background with the XYZ color 22.1742, 21.9120,

21.4731.

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

22.1742, 21.9120, 21.4731

Protanopia

20.8730, 21.7991, 22.1763

Deuteranopia

22.3481, 22.0017, 21.4812



Tritanopia

22.8182, 21.7887, 25.1933

Trichromacy



Original Color

22.1742, 21.9120, 21.4731

Protanomaly

21.3179, 21.8430, 21.8314

Deuteranomaly

22.3481, 22.0017, 21.4812

Tritanomaly

22.6717, 21.9296, 23.8068

Monochromacy



Original Color

22.1742, 21.9120, 21.4731

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.5416, 22.1215, 23.2132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1742, 21.9120, 21.4731 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(143, 125, 122) looks like.

```
.text, #text, p{  
    color:rgb(143, 125, 122)  
}
```

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(143, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 125, 122) }
```

Border

The CSS property to change the border of an element to XYZ 22.1742, 21.9120, 21.4731 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(143, 125, 122) }
```


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

```
.border{ border-color:rgb(143, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 125, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 125, 122); box-shadow:4px 4px 4px 4px rgb(143, 125, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1742, 21.9120, 21.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 125, 122) }
```

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

```
.background{ background-color: rgb(143,  
125, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor