

Converting Colors

XYZ(24.1996, 22.8332, 22.3175)

Have a look what the booklet for
XYZ(24.1996, 22.8332, 22.3175)
contains.

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Color

**XYZ(24.1722, 22.7406,
22.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7C7C
RGB	154, 124, 124
RGB Percent	60%, 49%, 49%
CMY	0.3961, 0.5137, 0.5137
CMYK	0.00, 0.19, 0.19, 0.40
HSL	0°, 13%, 55%
HSV	0°, 19%, 60%
XYZ	24.1722, 22.7406, 22.1841
YIQ	132.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

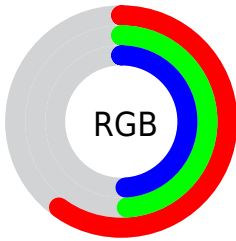
Format	Color
R_{YB}	154, 124, 124
Decimal	10124412
CIE _{Lab}	54.80, 11.59, 4.39
CIE _{LCh}	55, 12.397, 20.742
Yxy	22.7406, 0.3498, 0.3291
Android (android.graphics.Color)	4288314492 (0xFF9A7C7C)
YUV	132.9700, -4.4222, 18.4433
Hunter-Lab	47.6871, 7.0277, 5.7992

Details

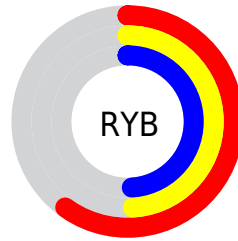
The XYZ color **24.1722, 22.7406, 22.1841** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7003, 29.7286, 34.9558**, and the grayscale version is **22.2950, 23.4561, 25.5436**.

A 20% lighter version of the original color is **49.8531, 48.1342, 47.7376**, and **9.2656, 8.3649, 7.7829** is the 20% darker color. If you saturate the color by 10%, you get **21.4921, 18.8189, 16.8552**, and if you desaturate by 10%, it is **27.3071, 27.3279, 28.4155**.

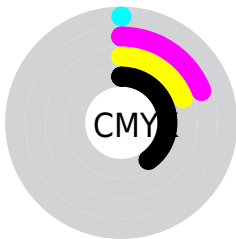
Distribution



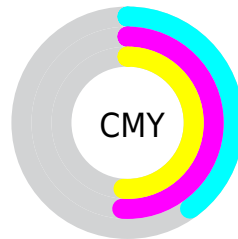
- Red (60%)
- Green (49%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1722, 22.7406, 22.1841 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 24.1722, 22.7406, 22.1841 by changing the saturation by 10% instead.

■ 24.1722, 22.7406,
22.1841

■ 24.1722, 22.7406,
22.1841

266.1143,
266.3899, 276.4910

■ 15.5868, 14.4021,
13.7926

■ 49.7637, 47.9670,
47.9562

■ 9.3213, 8.4009,
7.8395

■ 67.5005, 65.6238,
66.1739

■ 5.0101, 4.3525,
3.9061

■ 89.0186, 87.1553,
88.5040

■ 2.2880, 1.8726,
1.5740

114.6832,
112.9462, 115.3652

■ 0.7885, 0.5318,
0.2721

144.8597,
143.3806, 147.1760

■ 0.0000, 0.0000,
0.0000

179.9135,

178.8431, 184.3548

220.2099,
219.7181, 227.3203

■ 24.1722, 22.7406,
22.1841

■ 24.1722, 22.7406,
22.1841

■ 21.4921, 18.8189,
16.8552

■ 27.3071, 27.3279,
28.4155

■ 19.2438, 15.5291,
12.3857

■ 30.9144, 32.6064,
35.5871

■ 17.4054, 12.8389,
8.7311

■ 35.0134, 38.6042,
43.7359

■ 15.9521, 10.7123,
5.8422

■ 39.6214, 45.3468,
52.8968

■ 14.8566, 9.1093,
3.6646

■ 44.7550, 52.8587,
63.1029

■ 14.0880, 7.9845,
2.1368

■ 50.4302, 61.1629,
74.3856

■ 13.6101, 7.2851,
1.1869

■ 56.6622, 70.2817,
86.7753

■ 13.3398, 6.8896,
0.6497

■ 63.4655, 80.2366,
100.3008

■ 13.3267, 6.8704,
0.6237

■ 67.1365, 85.6101,
107.5937

Harmonies

Analogous

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



24.3195, 22.7406, 25.9942



24.1722, 22.7406, 22.1841



23.3243, 22.7406, 19.3671

Triad

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



24.1722, 22.7406, 22.1841



19.6383, 22.7406, 20.2873



21.1933, 22.7406, 32.9768

Complementary

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



24.1722, 22.7406, 22.1841



25.7003, 29.7286, 34.9558

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.



19.9900, 22.7406, 31.0727



24.1722, 22.7406, 22.1841



19.1175, 22.7406, 23.5667

Square

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



24.1722, 22.7406, 22.1841



20.6948, 22.7406, 18.3550



19.2435, 22.7406, 27.5293



22.5605, 22.7406, 32.5062

Rectangle

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



24.1722, 22.7406, 22.1841



22.4947, 22.7406, 18.3004



19.2435, 22.7406, 27.5293



20.7571, 22.7406, 32.5863

Sweetspot

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



24.1728, 22.7416, 22.1846



51.7094, 52.7220, 55.8019



26.3671, 23.6187, 33.7413



11.6184, 11.8078, 12.4599



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.



24.1728, 22.7416, 22.1846



41.8763, 38.3336, 36.2537



26.1974, 26.7908, 22.8594



6.2089, 6.2228, 6.4797



10.8576, 5.5975, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



25.7003, 29.7286, 34.9558



45.1261, 53.1995, 63.4264



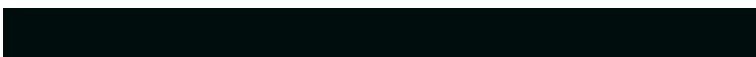
23.3778, 25.0837, 34.1816



6.3845, 7.0265, 7.9487



14.1646, 20.7258, 28.1616



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 24.1722, 22.7406, 22.1841 looks on a white background.

Color Contrast Check

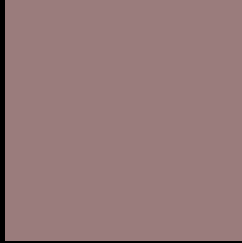
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1722, 22.7406, 22.1841 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

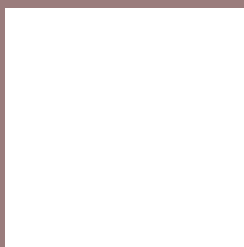
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1722, 22.7406, 22.1841

Background



This preview shows how black text looks on a background with the XYZ color 24.1722, 22.7406, 22.1841.



This preview shows how white text looks on a background with the XYZ color 24.1722, 22.7406,

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

24.1722, 22.7406, 22.1841

Protanopia

21.8441, 22.8594, 23.6831

Deuteranopia

23.1971, 22.8118, 21.9194



Tritanopia

24.7654, 22.8004, 24.9254

Trichromacy



Original Color

24.1722, 22.7406, 22.1841

Protanomaly

22.5344, 22.6334, 23.2597

Deuteranomaly

23.6137, 22.8358, 21.9021

Tritanomaly

24.5630, 22.7195, 23.8596

Monochromacy



Original Color

24.1722, 22.7406, 22.1841

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9964, 23.2397, 24.3928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1722, 22.7406, 22.1841 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(154, 124, 124) looks like.

```
.text, #text, p{  
    color:rgb(154, 124, 124)  
}
```

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(154, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.1722, 22.7406, 22.1841 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(154, 124, 124) }
```


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

```
.border{ border-color:rgb(154, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(154, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1722, 22.7406, 22.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 124, 124) }
```

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

```
.background{ background-color: rgb(154,  
124, 124) }
```

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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