

Converting Colors

XYZ(24.9719, 22.2657, 24.2193)

Have a look what the booklet for
XYZ(24.9719, 22.2657, 24.2193)
contains.

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Color

**XYZ(24.9242, 22.1763,
24.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7782
RGB	159, 119, 130
RGB Percent	62%, 47%, 51%
CMY	0.3765, 0.5333, 0.4902
CMYK	0.00, 0.25, 0.18, 0.38
HSL	344°, 17%, 55%
HSV	344°, 25%, 62%
XYZ	24.9242, 22.1763, 24.0859
YIQ	132.2140, 20.3090, 11.9010

Conversions

Conversions Part 2

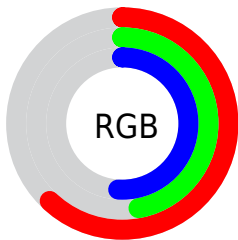
Format	Color
R _Y B	159, 119, 130
Decimal	10450818
CIE Lab	54.21, 17.39, 0.10
CIE LCh	54, 17.391, 0.332
Yxy	22.1763, 0.3501, 0.3115
Android (android.graphics.Color)	4288640898 (0xFF9F7782)
YUV	132.2140, -1.0915, 23.4913
Hunter-Lab	47.0917, 12.0641, 2.6393

Details

The XYZ color **24.9242, 22.1763, 24.0859** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3521, 30.8570, 32.6383**, and the grayscale version is **22.0086, 23.1547, 25.2155**.

A 20% lighter version of the original color is **50.8417, 46.8409, 51.1613**, and **9.7388, 8.1002, 8.8348** is the 20% darker color. If you saturate the color by 10%, you get **22.4570, 18.4114, 19.6573**, and if you desaturate by 10%, it is **27.7960, 26.6110, 29.0777**.

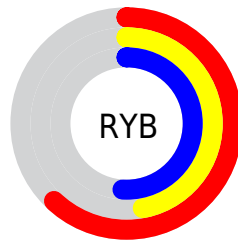
Distribution



Red (62%)

Green (47%)

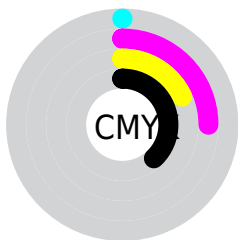
Blue (51%)



Red (62%)

Yellow (47%)

Blue (51%)

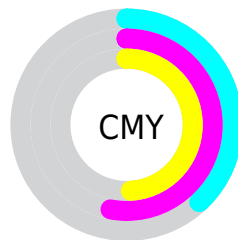


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (38%)



Cyan (38%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9242, 22.1763, 24.0859 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 24.9242, 22.1763, 24.0859 by changing the saturation by 10% instead.

■ 24.9242, 22.1763,
24.0859

■ 24.9242, 22.1763,
24.0859

269.8148,
263.4656, 286.5550

■ 16.1490, 13.9865,
15.1846

■ 50.9780, 47.0372,
51.1159

■ 9.7212, 8.1113,
8.8010

■ 68.9873, 64.4771,
70.0817

■ 5.2753, 4.1662,
4.5165

■ 90.8054, 85.7692,
93.2394

■ 2.4461, 1.7670,
1.9128

116.7977,
111.2978, 121.0075

■ 0.8682, 0.4665,
0.5009

147.3294,
141.4473, 153.8045

■ 0.0000, 0.0000,
0.0000

182.7659,

176.6022, 192.0491

223.4726,
217.1468, 236.1598

■ 24.9242, 22.1763,
24.0859

■ 24.9242, 22.1763,
24.0859

■ 22.4570, 18.4114,
19.6573

■ 27.7960, 26.6110,
29.0777

■ 20.3738, 15.2808,
15.7701

■ 31.0878, 31.7430,
34.6505

■ 18.6553, 12.7500,
12.4035

■ 34.8167, 37.6017,
40.8229

■ 17.2795, 10.7802,
9.5344

■ 38.9980, 44.2140,
47.6125

■ 16.2218, 9.3279,
7.1379

■ 43.6464, 51.6055,
55.0359

■ 15.4545, 8.3431,
5.1868

■ 48.7760, 59.8005,
63.1091

■ 14.9426, 7.7625,
3.6500

■ 54.4001, 68.8223,
71.8477

■ 14.7475, 7.5507,
3.0352

■ 60.5316, 78.6932,
81.2667

■ 64.8745, 84.8175,
90.6109

Harmonies

Analogous

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



24.3954, 22.1763, 29.6719



24.9242, 22.1763, 24.0859



24.3722, 22.1763, 19.2629

Triad

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



24.9242, 22.1763, 24.0859



19.2956, 22.1763, 16.2321



19.3301, 22.1763, 34.3640

Complementary

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



24.9242, 22.1763, 24.0859



25.3521, 30.8570, 32.6383

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.



18.0947, 22.1763, 29.7920



24.9242, 22.1763, 24.0859



18.0757, 22.1763, 19.3530

Square

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



24.9242, 22.1763, 24.0859



21.0568, 22.1763, 15.1634



17.6492, 22.1763, 24.2066



21.0990, 22.1763, 36.1188

Rectangle

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



24.9242, 22.1763, 24.0859



23.4834, 22.1763, 16.9890



17.6492, 22.1763, 24.2066



18.8425, 22.1763, 33.0750

Sweetspot

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



24.9248, 22.1773, 24.0864



53.8273, 53.9595, 58.9530



25.0082, 21.9628, 35.7224



11.9404, 11.8609, 12.9619



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.9248, 22.1773, 24.0864



42.1567, 35.9201, 38.7179



25.3044, 24.0554, 20.7635



6.7043, 6.6746, 7.2938



11.6637, 5.9700, 2.4799



0.2250, 0.1133, 0.1308

Inverse Universe

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



24.9248, 22.1773, 24.0864



42.1567, 35.9201, 38.7179



24.8262, 28.3451, 36.9639



6.7043, 6.6746, 7.2938



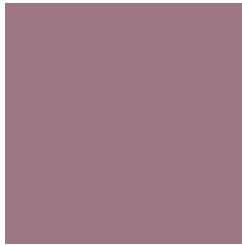
11.6637, 5.9700, 2.4799



0.2250, 0.1133, 0.1308

Previews

White Background



This preview shows how the XYZ color 24.9242, 22.1763, 24.0859 looks on a white background.

Color Contrast Check

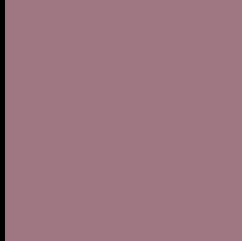
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9242, 22.1763, 24.0859 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 24.9242, 22.1763, 24.0859

Background



This preview shows how black text looks on a background with the XYZ color 24.9242, 22.1763, 24.0859.



This preview shows how white text looks on a background with the XYZ color 24.9242, 22.1763,

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

24.9242, 22.1763, 24.0859

Protanopia

21.5001, 22.2239, 26.4490

Deuteranopia

22.7510, 22.3463, 23.8830



Tritanopia

24.7912, 22.1231, 23.3856

Trichromacy



Original Color

24.9242, 22.1763, 24.0859

Protanomaly

22.6212, 22.0512, 25.6183

Deuteranomaly

23.4398, 22.1405, 23.8070

Tritanomaly

24.8573, 22.1496, 23.7340

Monochromacy



Original Color

24.9242, 22.1763, 24.0859

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8414, 22.5682, 24.6250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9242, 22.1763, 24.0859 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(159, 119, 130)` looks like.

```
.text, #text, p{  
    color:rgb(159, 119, 130)  
}
```

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(159, 119, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 119, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.9242, 22.1763, 24.0859 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(159, 119, 130) }
```


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

```
.border{ border-color:rgb(159, 119, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 119, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 119, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 119, 130);  
box-shadow:4px 4px 4px 4px rgb(159, 119,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9242, 22.1763, 24.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 119, 130) }
```

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

```
.background{ background-color: rgb(159,  
119, 130) }
```

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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