

Converting Colors

XYZ(24.4508, 22.3490, 21.4374)

Have a look what the booklet for
XYZ(24.4508, 22.3490, 21.4374)
contains.

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Color

**XYZ(24.4508, 22.3490,
21.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	9E797A
RGB	158, 121, 122
RGB Percent	62%, 47%, 48%
CMY	0.3804, 0.5255, 0.5216
CMYK	0.00, 0.23, 0.23, 0.38
HSL	358°, 16%, 55%
HSV	358°, 23%, 62%
XYZ	24.4508, 22.3490, 21.4374
YIQ	132.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

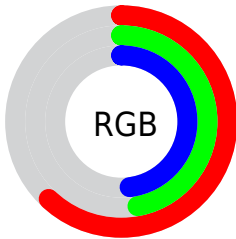
Format	Color
R_{YB}	158, 121, 122
Decimal	10385786
CIE _{Lab}	54.40, 14.57, 5.02
CIE _{LCh}	54, 15.409, 19.018
Yxy	22.3490, 0.3583, 0.3275
Android (android.graphics.Color)	4288575866 (0xFF9E797A)
YUV	132.1770, -5.0173, 22.6468
Hunter-Lab	47.2747, 9.5906, 6.2064

Details

The XYZ color **24.4508, 22.3490, 21.4374** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1988, 30.9536, 36.4938**, and the grayscale version is **22.0086, 23.1547, 25.2155**.

A 20% lighter version of the original color is **50.0241, 47.0893, 46.4970**, and **9.4638, 8.1799, 7.3834** is the 20% darker color. If you saturate the color by 10%, you get **21.8073, 18.4676, 16.2223**, and if you desaturate by 10%, it is **27.5608, 26.9217, 27.5520**.

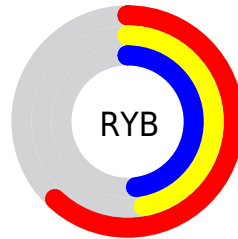
Distribution



Red (62%)

Green (47%)

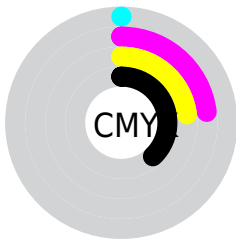
Blue (48%)



Red (62%)

Yellow (47%)

Blue (48%)

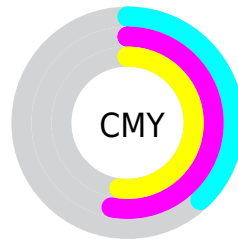


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (38%)



Cyan (38%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4508, 22.3490, 21.4374 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 24.4508, 22.3490, 21.4374 by changing the saturation by 10% instead.

■ 24.4508, 22.3490,
21.4374

■ 24.4508, 22.3490,
21.4374

267.4901,
264.3635, 272.4510

■ 15.7949, 14.1136,
13.2498

■ 50.2142, 47.3221,
46.7046

■ 9.4691, 8.1997,
7.4680

■ 68.0524, 64.8286,
64.6212

■ 5.1079, 4.2230,
3.6736

■ 89.6821, 86.1943,
86.6178

■ 2.3461, 1.7991,
1.4481

115.4686,
111.8035, 113.1131

■ 0.8181, 0.4866,
0.1788

145.7773,
142.0406, 144.5255

■ 0.0000, 0.0000,
0.0000

180.9735,

177.2900, 181.2736

221.4227,
217.9362, 223.7759

■ 24.4508, 22.3490,
21.4374

■ 24.4508, 22.3490,
21.4374

■ 21.8073, 18.4676,
16.2223

■ 27.5608, 26.9217,
27.5520

■ 19.6060, 15.2410,
11.8631

■ 31.1563, 32.2139,
34.6044

■ 17.8233, 12.6341,
8.3144


■ 35.2574, 38.2557,
42.6321


■ 16.4328, 10.6071,
5.5263


■ 39.8828, 45.0747,
51.6704


■ 15.4049, 9.1158,
3.4433


■ 45.0499, 52.6973,
61.7525


 14.7058, 8.1095,
2.0021


 50.7756, 61.1483,
72.9105

 14.2955, 7.5278,
1.1287

 57.0758, 70.4518,
85.1747

 14.1240, 7.2785,
0.7827

 63.9660, 80.6306,
98.5746

 67.9107, 86.0092,
107.6299

Harmonies

Analogous

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



24.5799, 22.3490, 26.1429



24.4508, 22.3490, 21.4374



23.4359, 22.3490, 17.9868

Triad

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



24.4508, 22.3490, 21.4374



18.8915, 22.3490, 18.7480



20.6315, 22.3490, 34.6136

Complementary

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



24.4508, 22.3490, 21.4374



26.1988, 30.9536, 36.4938

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.



19.1896, 22.3490, 32.0228



24.4508, 22.3490, 21.4374



18.2209, 22.3490, 22.6110

Square

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



24.4508, 22.3490, 21.4374



20.2049, 22.3490, 16.5817



18.3271, 22.3490, 27.4810



22.3141, 22.3490, 34.1902

Rectangle

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



24.4508, 22.3490, 21.4374



22.4221, 22.3490, 16.6660



18.3271, 22.3490, 27.4810



20.1042, 22.3490, 34.0541

Sweetspot

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



24.4514, 22.3500, 21.4379



54.0441, 54.7673, 57.8718



26.8687, 23.2891, 35.4271



12.1032, 12.2279, 12.8882



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.



24.4514, 22.3500, 21.4379



41.8363, 36.8167, 33.8714



26.6792, 26.9040, 21.8773



6.6399, 6.6489, 6.9551



11.3142, 5.8302, 0.6395



0.2042, 0.1050, 0.0213

Inverse Universe

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



24.4514, 22.3500, 21.4379



41.8363, 36.8167, 33.8714



23.5432, 25.5057, 36.0302



6.6399, 6.6489, 6.9551



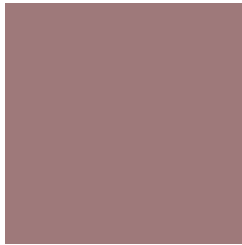
11.3142, 5.8302, 0.6395



0.2042, 0.1050, 0.0213

Previews

White Background



This preview shows how the XYZ color 24.4508, 22.3490, 21.4374 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 24.4508, 22.3490, 21.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

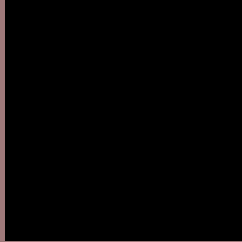
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4508, 22.3490, 21.4374

Background



This preview shows how black text looks on a background with the XYZ color 24.4508, 22.3490, 21.4374.



This preview shows how white text looks on a background with the XYZ color 24.4508, 22.3490,

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

24.4508, 22.3490, 21.4374

Protanopia

21.4863, 22.4841, 23.2861

Deuteranopia

22.7661, 22.4132, 21.2154



Tritanopia

24.9770, 22.3888, 23.7739

Trichromacy



Original Color

24.4508, 22.3490, 21.4374

Protanomaly

22.4464, 22.4102, 22.5446

Deuteranomaly

23.2365, 22.2798, 21.1649

Tritanomaly

24.7804, 22.3102, 22.7389

Monochromacy



Original Color

24.4508, 22.3490, 21.4374

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6000, 22.6596, 23.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4508, 22.3490, 21.4374 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(158, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(158, 121, 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(158, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 121, 122) }
```

Border

The CSS property to change the border of an element to XYZ 24.4508, 22.3490, 21.4374 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(158, 121, 122) }
```


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

```
.border{ border-color:rgb(158, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(158, 121,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4508, 22.3490, 21.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 121, 122) }
```

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

```
.background{ background-color: rgb(158,  
121, 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](#).

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