

Converting Colors

XYZ(24.5371, 23.3863, 22.1705)

Have a look what the booklet for
XYZ(24.5371, 23.3863, 22.1705)
contains.

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Color

**XYZ(24.4254, 23.2470,
22.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7E7C
RGB	154, 126, 124
RGB Percent	60%, 49%, 49%
CMY	0.3961, 0.5059, 0.5137
CMYK	0.00, 0.18, 0.19, 0.40
HSL	4°, 13%, 55%
HSV	4°, 19%, 60%
XYZ	24.4254, 23.2470, 22.2685
YIQ	134.1440, 17.3300, 5.3140

Conversions

Conversions Part 2

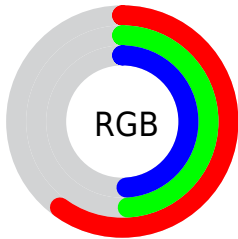
Format	Color
R_{YB}	154, 126, 124
Decimal	10124924
CIE _{Lab}	55.33, 10.45, 5.14
CIE _{LCh}	55, 11.643, 26.202
Yxy	23.2470, 0.3492, 0.3324
Android (android.graphics.Color)	4288315004 (0xFF9A7E7C)
YUV	134.1440, -5.0010, 17.4137
Hunter-Lab	48.2151, 6.0502, 6.3671

Details

The XYZ color **24.4254, 23.2470, 22.2685** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3729, 29.0739, 34.8466**, and the grayscale version is **22.7268, 23.9104, 26.0384**.

A 20% lighter version of the original color is **50.2511, 48.9301, 47.8702**, and **9.4034, 8.6405, 7.8288** is the 20% darker color. If you saturate the color by 10%, you get **21.8191, 19.4730, 16.9642**, and if you desaturate by 10%, it is **27.4492, 27.6121, 28.4629**.

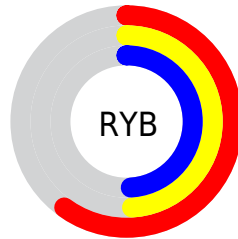
Distribution



Red (60%)

Green (49%)

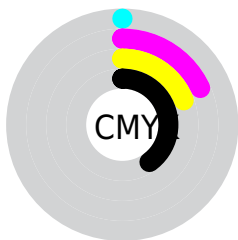
Blue (49%)



Red (60%)

Yellow (49%)

Blue (49%)

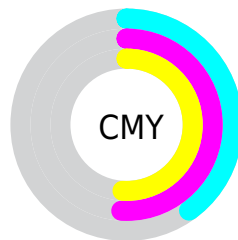


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (40%)



Cyan (40%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4254, 23.2470, 22.2685 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 24.4254, 23.2470, 22.2685 by changing the saturation by 10% instead.

■ 24.4254, 23.2470,
22.2685

■ 24.4254, 23.2470,
22.2685

267.3649,
268.9911, 276.9444

■ 15.7759, 14.7760,
13.8541

■ 50.1731, 48.7986,
48.0972

■ 9.4556, 8.6623,
7.8817

■ 68.0021, 66.6480,
66.3487

■ 5.0990, 4.5216,
3.9326

■ 89.6216, 88.3922,
88.7162

■ 2.3408, 1.9694,
1.5885

115.3971,
114.4158, 115.6184

■ 0.8154, 0.5896,
0.2826

145.6938,
145.1031, 147.4738

■ 0.0000, 0.0000,
0.0000

180.8771,

180.8385, 184.7009

221.3123,
222.0064, 227.7182

■ 24.4254, 23.2470,
22.2685

■ 24.4254, 23.2470,
22.2685

■ 21.8191, 19.4730,
16.9642

■ 27.4492, 27.6121,
28.4629

■ 19.6100, 16.2615,
12.5078

■ 30.9056, 32.5887,
35.5841

■ 17.7793, 13.5868,
8.8557

■ 34.8114, 38.2003,
43.6686

■ 16.3056, 11.4193,
5.9600

■ 39.1820, 44.4682,
52.7504

■ 15.1656, 9.7272,
3.7676

■ 44.0320, 51.4127,
62.8619

■ 14.3330, 8.4746,
2.2185

■ 49.3753, 59.0531,
74.0340

■ 13.7778, 7.6206,
1.2429

■ 55.2253, 67.4081,
86.2964

■ 13.4509, 7.1119,
0.6868

■ 61.5950, 76.4956,
99.6774

■ 13.4381, 7.0933,
0.6609

■ 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.



24.6963, 23.2470, 25.7913



24.4254, 23.2470, 22.2685



23.5217, 23.2470, 19.7953

Triad

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



24.4254, 23.2470, 22.2685



20.0744, 23.2470, 21.5196



21.9297, 23.2470, 33.1848

Complementary

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



24.4254, 23.2470, 22.2685



25.3729, 29.0739, 34.8466

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.



20.7283, 23.2470, 31.7689



24.4254, 23.2470, 22.2685



19.6842, 23.2470, 24.8387

Square

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



24.4254, 23.2470, 22.2685



21.0056, 23.2470, 19.3937



19.9188, 23.2470, 28.6210



23.2226, 23.2470, 32.3263

Rectangle

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



24.4254, 23.2470, 22.2685



22.6997, 23.2470, 18.9523



19.9188, 23.2470, 28.6210



21.5022, 23.2470, 32.9557

Sweetspot

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



24.4260, 23.2481, 22.2690



51.8836, 53.0705, 55.8600



26.2018, 23.5526, 32.8711



11.6613, 11.8937, 12.4742



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.



24.4260, 23.2481, 22.2690



42.3975, 39.3760, 36.4274



26.4897, 27.3753, 22.9569



6.2403, 6.2856, 6.4902



10.9590, 5.8005, 0.5420



0.1716, 0.1022, 0.0107

Inverse Universe

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



25.3729, 29.0739, 34.8466



44.4112, 51.7696, 63.1881



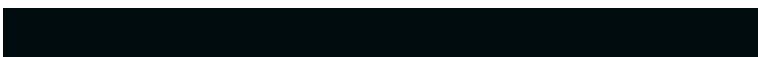
23.0908, 24.5098, 34.0859



6.3493, 6.9559, 7.9370



12.8530, 18.1026, 27.7244



0.2013, 0.2889, 0.4175

Previews

White Background



This preview shows how the XYZ color 24.4254, 23.2470, 22.2685 looks on a white background.

Color Contrast Check

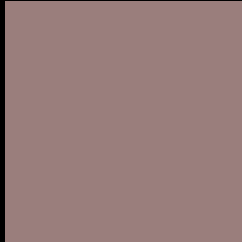
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4254, 23.2470, 22.2685 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 24.4254, 23.2470, 22.2685

Background



This preview shows how black text looks on a background with the XYZ color 24.4254, 23.2470, 22.2685.



This preview shows how white text looks on a background with the XYZ color 24.4254, 23.2470,

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

24.4254, 23.2470, 22.2685

Protanopia

22.2354, 23.2691, 23.3981

Deuteranopia

23.7517, 23.2831, 22.3110



Tritanopia

25.0283, 23.1051, 25.6949

Trichromacy



Original Color

24.4254, 23.2470, 22.2685

Protanomaly

23.0762, 23.3113, 23.0219

Deuteranomaly

23.9900, 23.2133, 22.2850

Tritanomaly

24.8804, 23.2475, 24.2950

Monochromacy



Original Color

24.4254, 23.2470, 22.2685

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1301, 23.5070, 24.4373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4254, 23.2470, 22.2685 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, 126, 124) looks like.

```
.text, #text, p{  
    color:rgb(154, 126, 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, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 126, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.4254, 23.2470, 22.2685 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, 126, 124) }
```


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

```
.border{ border-color:rgb(154, 126, 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, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 126, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 126, 124);  
box-shadow:4px 4px 4px 4px rgb(154, 126,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4254, 23.2470, 22.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 126, 124) }
```

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

```
.background{ background-color: rgb(154,  
126, 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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