

Converting Colors

XYZ(25.4245, 22.7591, 10.1859)

Have a look what the booklet for
XYZ(25.4245, 22.7591, 10.1859)
contains.

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Color

**XYZ(25.4275, 22.7424,
10.2573)**

Conversions

Conversions Part 1

Format	Color
Hex	AE774E
RGB	174, 119, 78
RGB Percent	68%, 47%, 31%
CMY	0.3176, 0.5333, 0.6941
CMYK	0.00, 0.32, 0.55, 0.32
HSL	26°, 38%, 49%
HSV	26°, 55%, 68%
XYZ	25.4275, 22.7424, 10.2573
YIQ	130.7710, 45.9410, -1.0910

Conversions

Conversions Part 2

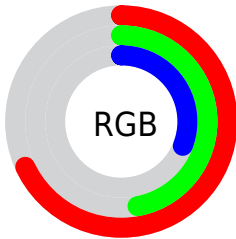
Format	Color
RYB	174, 150, 78
Decimal	11433806
CIELab	54.81, 16.98, 31.08
CIELCh	55, 35.411, 61.353
Yxy	22.7424, 0.4352, 0.3892
Android (android.graphics.Color)	4289623886 (0xFFAE774E)
YUV	130.7710, -26.0161, 37.9118
Hunter-Lab	47.6890, 11.7194, 20.6298

Details

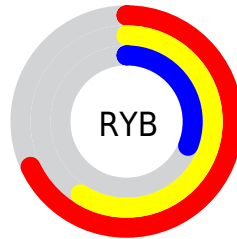
The XYZ color **25.4275, 22.7424, 10.2573** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.1689, 21.4497, 43.1740**, and the grayscale version is **21.5706, 22.6939, 24.7137**.

A 20% lighter version of the original color is **51.7379, 47.8401, 26.9293**, and **9.9221, 8.3362, 2.4526** is the 20% darker color. If you saturate the color by 10%, you get **23.7596, 20.2764, 7.0203**, and if you desaturate by 10%, it is **27.3860, 25.5255, 14.4059**.

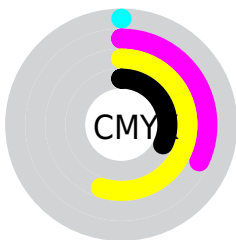
Distribution



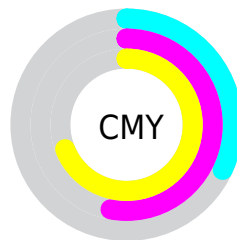
- Red (68%)
- Green (47%)
- Blue (31%)



- Red (68%)
- Yellow (59%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (32%)




- Cyan (32%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4275, 22.7424, 10.2573 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 25.4275, 22.7424, 10.2573 by changing the saturation by 10% instead.


 25.4275, 22.7424,
10.2573


 25.4275, 22.7424,
10.2573


272.2688,
266.3991, 203.0498


 16.5263, 14.4034,
5.4621


 51.7878, 47.9700,
26.8937


 9.9905, 8.4018,
2.4574


 69.9776, 65.6274,
39.5719


 5.4549, 4.3531,
0.8175

 91.9943, 87.1597,
55.7149

 2.5540, 1.8730,
0.0000

 118.2033,
112.9514, 75.7411

 0.9226, 0.5321,
0.0000

 148.9699,
143.3868, 100.0692

 0.0000, 0.0000,
0.0000

184.6594,

178.8503, 129.1177

225.6373,
219.7262, 163.3050

■ 25.4275, 22.7424,
10.2573

■ 25.4275, 22.7424,
10.2573

■ 23.7596, 20.2764,
7.0203

■ 27.3860, 25.5255,
14.4059

■ 22.3636, 18.1113,
4.6221

■ 29.6489, 28.6345,
19.5286

■ 21.2205, 16.2339,
2.9807

■ 32.2312, 32.0817,
25.6836

■ 20.3071, 14.6282,
1.9945

■ 35.1461, 35.8780,
32.9245

■ 19.9256, 13.9390,
1.6403

■ 38.4061, 40.0334,
41.3009

■ 42.0230, 44.5577,
50.8593

■ 46.0079, 49.4602,
61.6437

■ 50.3715, 54.7499,
73.6957

■ 55.1241, 60.4355,
87.0552

Harmonies

Analogous

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



28.6991, 22.7424, 15.1577



25.4275, 22.7424, 10.2573



21.4388, 22.7424, 8.8633

Triad

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



25.4275, 22.7424, 10.2573



14.9327, 22.7424, 25.2749



25.7719, 22.7424, 48.0994

Complementary

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



25.4275, 22.7424, 10.2573



19.1689, 21.4497, 43.1740

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.



21.7941, 22.7424, 53.1560



25.4275, 22.7424, 10.2573



15.8062, 22.7424, 37.7518

Square

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



25.4275, 22.7424, 10.2573



15.6624, 22.7424, 15.8020



18.2057, 22.7424, 48.8958



28.9142, 22.7424, 36.5964

Rectangle

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



25.4275, 22.7424, 10.2573



18.9905, 22.7424, 9.6269



18.2057, 22.7424, 48.8958



24.4730, 22.7424, 50.7421

Sweetspot

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



25.4280, 22.7435, 10.2577



62.5746, 63.5594, 56.7556



24.4830, 16.1688, 24.3849



13.6728, 13.8219, 12.0267



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4280, 22.7435, 10.2577



42.5538, 35.9524, 11.7481



32.4668, 36.8210, 12.6040



8.2760, 8.5567, 8.4288



14.5088, 10.2232, 1.2086



0.4586, 0.3944, 0.0519

Inverse Universe

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



19.1689, 21.4497, 43.1740



30.0241, 33.3121, 77.4843



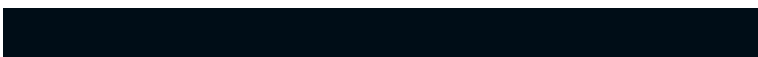
14.1098, 11.3315, 41.4876



7.9454, 8.4902, 10.1727



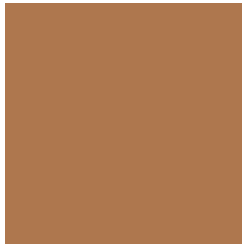
8.8842, 8.9022, 30.2946



0.3000, 0.3533, 0.8604

Previews

White Background



This preview shows how the XYZ color 25.4275, 22.7424, 10.2573 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 25.4275, 22.7424, 10.2573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

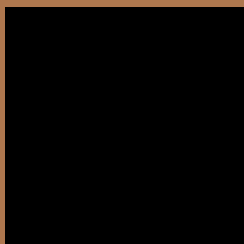
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4275, 22.7424, 10.2573

Background



This preview shows how black text looks on a background with the XYZ color 25.4275, 22.7424, 10.2573.



This preview shows how white text looks on a background with the XYZ color 25.4275, 22.7424,

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

25.4275, 22.7424, 10.2573

Protanopia

21.1403, 22.9667, 11.5024

Deuteranopia

23.1704, 22.6766, 10.1770



Tritanopia

27.6616, 22.7869, 21.3527

Trichromacy



Original Color

25.4275, 22.7424, 10.2573

Protanomaly

22.4010, 22.6428, 10.9744

Deuteranomaly

23.9396, 22.7011, 10.1412

Tritanomaly

26.7514, 22.7615, 16.6191

Monochromacy



Original Color

25.4275, 22.7424, 10.2573

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5466, 22.5516, 18.4938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4275, 22.7424, 10.2573 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(174, 119, 78)` looks like.

```
.text, #text, p{  
    color:rgb(174, 119, 78)  
}
```

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(174, 119, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 119, 78) }
```

Border

The CSS property to change the border of an element to XYZ 25.4275, 22.7424, 10.2573 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(174, 119, 78) }
```


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

```
.border{ border-color:rgb(174, 119, 78) }
```

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

Here you see how a box with a 4 pixel rgb(174, 119, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 119, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 119, 78);  
box-shadow:4px 4px 4px 4px rgb(174, 119,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4275, 22.7424, 10.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 119, 78) }
```

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

```
.background{ background-color: rgb(174,  
119, 78) }
```

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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