

Converting Colors

XYZ(22.4412, 22.4976, 9.8163)

Have a look what the booklet for
XYZ(22.4412, 22.4976, 9.8163)
contains.

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Color

**XYZ(22.4412, 22.4976,
9.8163)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7E4B
RGB	156, 126, 75
RGB Percent	61%, 49%, 29%
CMY	0.3882, 0.5059, 0.7059
CMYK	0.00, 0.19, 0.52, 0.39
HSL	38°, 35%, 45%
HSV	38°, 52%, 61%
XYZ	22.4412, 22.4976, 9.8163
YIQ	129.1560, 34.2510, -9.5010

Conversions

Conversions Part 2

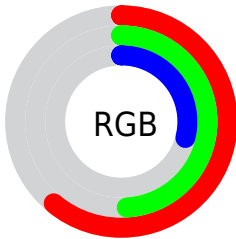
Format	Color
R_{YB}	123, 156, 75
Decimal	10255947
CIE _{Lab}	54.55, 4.93, 31.96
CIE _{LCh}	55, 32.339, 81.223
Yxy	22.4976, 0.4098, 0.4109
Android (android.graphics.Color)	4288446027 (0xFF9C7E4B)
YUV	129.1560, -26.6989, 23.5422
Hunter-Lab	47.4316, 1.4479, 20.9317

Details

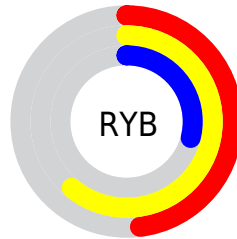
The XYZ color **22.4412, 22.4976, 9.8163** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.9539, 13.9989, 33.4192**, and the grayscale version is **21.0037, 22.0975, 24.0642**.

A 20% lighter version of the original color is **46.9731, 47.7179, 26.1368**, and **8.3551, 8.2212, 2.3089** is the 20% darker color. If you saturate the color by 10%, you get **21.2540, 20.8754, 7.1016**, and if you desaturate by 10%, it is **23.8031, 24.2596, 13.2357**.

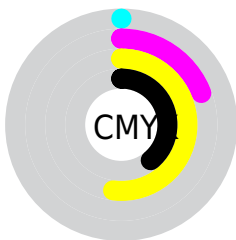
Distribution



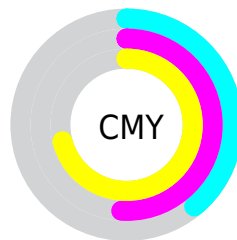
- Red (61%)
- Green (49%)
- Blue (29%)



- Red (48%)
- Yellow (61%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (52%)
- Black (39%)



- Cyan (39%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4412, 22.4976, 9.8163 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 22.4412, 22.4976, 9.8163 by changing the saturation by 10% instead.

■ 22.4412, 22.4976,
9.8163

■ 22.4412, 22.4976,
9.8163

257.4310,
265.1340, 199.7928

■ 14.2999, 14.2230,
5.1733

■ 46.9476, 47.5671,
26.0518

■ 8.4126, 8.2759,
2.2888

■ 64.0433, 65.1307,
38.4814

■ 4.4141, 4.2720,
0.7249

■ 84.8546, 86.5594,
54.3436

■ 1.9390, 1.8269,
0.0000

■ 109.7467,
112.2377, 74.0570

■ 0.5993, 0.5038,
0.0000

■ 139.0851,
142.5499, 98.0400

■ 0.0000, 0.0000,
0.0000

173.2350,

177.8804, 126.7113

212.5619,
218.6136, 160.4894

■ 22.4412, 22.4976,
9.8163

■ 22.4412, 22.4976,
9.8163

■ 21.2540, 20.8754,
7.1016

■ 23.8031, 24.2596,
13.2357

■ 20.2294, 19.3846,
5.0388

■ 25.3476, 26.1632,
17.4047

■ 19.3561, 18.0203,
3.5694

■ 27.0838, 28.2139,
22.3663

■ 18.6203, 16.7757,
2.6241

■ 29.0198, 30.4162,
28.1596

■ 18.0994, 15.8462,
2.1047

■ 31.1632, 32.7739,
34.8212

■ 33.5211, 35.2910,
42.3854

■ 36.1003, 37.9712,
50.8848

■ 38.9071, 40.8181,
60.3502

■ 41.9478, 43.8350,
70.8110

Harmonies

Analogous

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



25.9467, 22.4976, 12.2035



22.4412, 22.4976, 9.8163



19.0076, 22.4976, 10.4243

Triad

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



22.4412, 22.4976, 9.8163



15.6336, 22.4976, 32.2712



27.1547, 22.4976, 38.8826

Complementary

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



22.4412, 22.4976, 9.8163



13.9539, 13.9989, 33.4192

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.



23.9491, 22.4976, 47.5949



22.4412, 22.4976, 9.8163



17.3890, 22.4976, 43.1023

Square

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



22.4412, 22.4976, 9.8163



15.3250, 22.4976, 21.6342



20.3592, 22.4976, 49.3224



28.8587, 22.4976, 27.5998

Rectangle

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



22.4412, 22.4976, 9.8163



17.1954, 22.4976, 12.5436



20.3592, 22.4976, 49.3224



26.2013, 22.4976, 42.3255

Sweetspot

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



22.4417, 22.4987, 9.8167



51.1173, 53.4522, 46.3314



18.8307, 13.1420, 15.1937



11.1025, 11.5960, 9.7600



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.



22.4417, 22.4987, 9.8167



38.3440, 37.5489, 12.3445



25.1107, 30.4466, 11.2102



6.9635, 7.3070, 7.0290



14.9423, 13.1201, 1.7449



0.3065, 0.3132, 0.0443

Inverse Universe

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



13.9539, 13.9989, 33.4192



21.2545, 20.4647, 59.9566



12.2136, 9.3384, 32.6113



6.4759, 6.8176, 8.3813



6.2106, 4.5127, 26.4509



0.1499, 0.1584, 0.4859

Previews

White Background



This preview shows how the XYZ color 22.4412, 22.4976, 9.8163 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 22.4412, 22.4976, 9.8163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

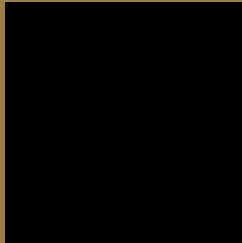
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4412, 22.4976, 9.8163

Background



This preview shows how black text looks on a background with the XYZ color 22.4412, 22.4976, 9.8163.



This preview shows how white text looks on a background with the XYZ color 22.4412, 22.4976,

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

22.4412, 22.4976, 9.8163

Protanopia

20.7835, 22.6081, 10.2896

Deuteranopia

22.9017, 22.5462, 9.8014



Tritanopia

25.3769, 22.5950, 23.7926

Trichromacy



Original Color

22.4412, 22.4976, 9.8163

Protanomaly

21.3675, 22.5182, 10.0577

Deuteranomaly

22.7042, 22.4443, 9.7922

Tritanomaly

24.0179, 22.3941, 17.5246

Monochromacy



Original Color

22.4412, 22.4976, 9.8163

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.1269, 22.0314, 17.6070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4412, 22.4976, 9.8163 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(156, 126, 75)` looks like.

```
.text, #text, p{  
    color:rgb(156, 126, 75)  
}
```

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(156, 126, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 126, 75) }
```

Border

The CSS property to change the border of an element to XYZ 22.4412, 22.4976, 9.8163 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(156, 126, 75) }
```


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

```
.border{ border-color:rgb(156, 126, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 126, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 126, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 126, 75);  
box-shadow:4px 4px 4px 4px rgb(156, 126,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4412, 22.4976, 9.8163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 126, 75) }
```

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

```
.background{ background-color: rgb(156,  
126, 75) }
```

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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