

Converting Colors

XYZ(25.5372, 22.5397, 14.8090)

Have a look what the booklet for
XYZ(25.5372, 22.5397, 14.8090)
contains.

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Color

**XYZ(25.5252, 22.5156,
14.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7663
RGB	171, 118, 99
RGB Percent	67%, 46%, 39%
CMY	0.3294, 0.5372, 0.6118
CMYK	0.00, 0.31, 0.42, 0.33
HSL	16°, 30%, 53%
HSV	16°, 42%, 67%
XYZ	25.5252, 22.5156, 14.8050
YIQ	131.6810, 37.6870, 5.3270

Conversions

Conversions Part 2

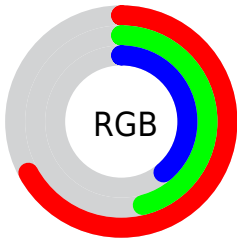
Format	Color
R_{YB}	171, 125, 99
Decimal	11236963
CIE _{Lab}	54.57, 18.41, 18.83
CIE _{LCh}	55, 26.331, 45.648
Yxy	22.5156, 0.4062, 0.3583
Android (android.graphics.Color)	4289427043 (0xFFAB7663)
YUV	131.6810, -16.1117, 34.4828
Hunter-Lab	47.4506, 12.9823, 14.7164

Details

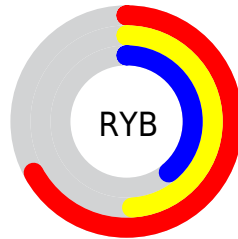
The XYZ color **25.5252, 22.5156, 14.8050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7242, 28.0486, 42.6918**, and the grayscale version is **21.8644, 23.0030, 25.0503**.

A 20% lighter version of the original color is **51.8747, 47.4454, 35.2780**, and **10.0841, 8.2861, 4.3167** is the 20% darker color. If you saturate the color by 10%, you get **23.4081, 19.4541, 10.4842**, and if you desaturate by 10%, it is **28.0144, 26.0442, 20.1044**.

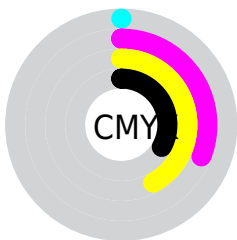
Distribution



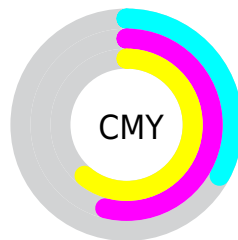
- Red (67%)
- Green (46%)
- Blue (39%)



- Red (67%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (33%)





- Cyan (33%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5252, 22.5156, 14.8050 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 25.5252, 22.5156, 14.8050 by changing the saturation by 10% instead.


 25.5252, 22.5156,
14.8050


 25.5252, 22.5156,
14.8050


272.7431,
265.2272, 233.7829


 16.5996, 14.2362,
8.5375


 51.9448, 47.5967,
35.2482

 10.0430, 8.2852,
4.3481


 70.1694, 65.1672,
50.2610

 5.4899, 4.2780,
1.8182

 92.2245, 86.6036,
69.0260

 2.5752, 1.8302,
0.4399

 118.4753,
112.2903, 91.9617

 0.9333, 0.5059,
0.0000

149.2872,
142.6115, 119.4867

 0.0000, 0.0000,
0.0000

185.0256,

177.9519, 152.0196

226.0558,
218.6956, 189.9788

■ 25.5252, 22.5156,
14.8050

■ 25.5252, 22.5156,
14.8050

■ 23.4081, 19.4541,
10.4842

■ 28.0144, 26.0442,
20.1044

■ 21.6425, 16.8363,
7.0799

■ 30.8914, 30.0553,
26.4363

■ 20.2086, 14.6420,
4.5251

■ 34.1729, 34.5676,
33.8526

■ 19.0832, 12.8477,
2.7430

■ 37.8744, 39.5979,
42.4009

■ 18.2401, 11.4274,
1.6423

■ 42.0103, 45.1622,
52.1264

■ 17.7381, 10.5449,
1.1005

■ 46.5943, 51.2757,
63.0713

■ 51.6397, 57.9530,
75.2762

■ 57.1589, 65.2082,
88.7795

■ 63.1643, 73.0549,
103.6180

Harmonies

Analogous

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



27.2103, 22.5156, 20.4683



25.5252, 22.5156, 14.8050



22.8077, 22.5156, 12.1031

Triad

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



25.5252, 22.5156, 14.8050



16.4553, 22.5156, 20.7784



22.9347, 22.5156, 43.2573

Complementary

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



25.5252, 22.5156, 14.8050



23.7242, 28.0486, 42.6918

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.



20.0522, 22.5156, 43.3936



25.5252, 22.5156, 14.8050



16.4826, 22.5156, 29.0642

Square

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



25.5252, 22.5156, 14.8050



17.6674, 22.5156, 14.9877



17.7458, 22.5156, 37.7486



25.6254, 22.5156, 37.4100

Rectangle

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



25.5252, 22.5156, 14.8050



20.8581, 22.5156, 11.8430



17.7458, 22.5156, 37.7486



21.9521, 22.5156, 44.0102

Sweetspot

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



25.5258, 22.5167, 14.8054



60.5035, 60.9536, 59.0340



27.0064, 19.8818, 32.5514



13.1996, 13.1916, 12.4986



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5258, 22.5167, 14.8054



41.9932, 34.9444, 18.9170



30.4382, 32.3415, 16.4429



8.1708, 8.3464, 8.3937



13.4097, 8.0248, 0.8422



0.4180, 0.3131, 0.0384

Inverse Universe

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



23.7242, 28.0486, 42.6918



38.2822, 46.1923, 75.9002



18.8578, 18.3158, 41.0696



8.0548, 8.7089, 10.2092



11.1976, 13.5290, 31.0657



0.3529, 0.4592, 0.8780

Previews

White Background



This preview shows how the XYZ color 25.5252, 22.5156, 14.8050 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 25.5252, 22.5156, 14.8050 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 25.5252, 22.5156, 14.8050

Background



This preview shows how black text looks on a background with the XYZ color 25.5252, 22.5156, 14.8050.



This preview shows how white text looks on a background with the XYZ color 25.5252, 22.5156,

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

25.5252, 22.5156, 14.8050

Protanopia

21.3136, 22.7415, 16.6308

Deuteranopia

22.8646, 22.4191, 14.6775



Tritanopia

26.9395, 22.5758, 21.6766

Trichromacy



Original Color

25.5252, 22.5156, 14.8050

Protanomaly

22.6715, 22.4803, 15.9762

Deuteranomaly

23.6613, 22.2745, 14.6076

Tritanomaly

26.2959, 22.4763, 18.8720

Monochromacy



Original Color

25.5252, 22.5156, 14.8050

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8336, 22.6458, 20.9369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5252, 22.5156, 14.8050 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(171, 118, 99)` looks like.

```
.text, #text, p{  
    color:rgb(171, 118, 99)  
}
```

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(171, 118, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 118, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.5252, 22.5156, 14.8050 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(171, 118, 99) }
```


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

```
.border{ border-color:rgb(171, 118, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 118, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 118, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 118, 99);  
box-shadow:4px 4px 4px 4px rgb(171, 118,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5252, 22.5156, 14.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 118, 99) }
```

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

```
.background{ background-color: rgb(171,  
118, 99) }
```

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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