

Converting Colors

XYZ(24.7399, 22.0728, 13.5146)

Have a look what the booklet for
XYZ(24.7399, 22.0728, 13.5146)
contains.

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Color

**XYZ(24.8610, 22.2000,
13.5644)**

Conversions

Conversions Part 1

Format	Color
Hex	A9765E
RGB	169, 118, 94
RGB Percent	66%, 46%, 37%
CMY	0.3373, 0.5372, 0.6314
CMYK	0.00, 0.30, 0.44, 0.34
HSL	19°, 30%, 52%
HSV	19°, 44%, 66%
XYZ	24.8610, 22.2000, 13.5644
YIQ	130.5130, 38.1000, 3.3480

Conversions

Conversions Part 2

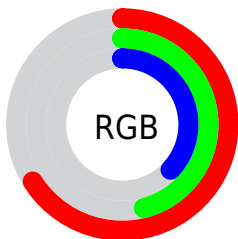
Format	Color
RYB	169, 129, 94
Decimal	11105886
CIELab	54.24, 17.01, 21.21
CIELCh	54, 27.192, 51.273
Yxy	22.2000, 0.4101, 0.3662
Android (android.graphics.Color)	4289295966 (0xFFA9765E)
YUV	130.5130, -18.0009, 33.7531
Hunter-Lab	47.1169, 11.7302, 15.9129

Details

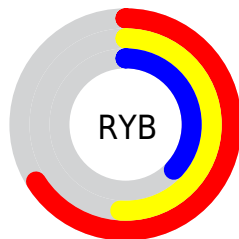
The XYZ color **24.8610, 22.2000, 13.5644** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.9025, 25.4941, 41.3026**, and the grayscale version is **21.4529, 22.5701, 24.5788**.

A 20% lighter version of the original color is **50.8496, 46.9625, 33.1727**, and **9.7319, 8.1145, 3.8496** is the 20% darker color. If you saturate the color by 10%, you get **22.9124, 19.3864, 9.5743**, and if you desaturate by 10%, it is **27.1417, 25.4119, 18.4849**.

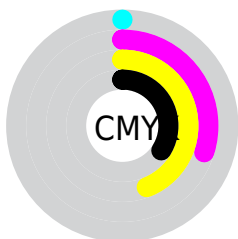
Distribution



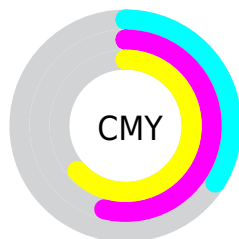
- Red (66%)
- Green (46%)
- Blue (37%)



- Red (66%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (34%)





- Cyan (34%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8610, 22.2000, 13.5644 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 24.8610, 22.2000, 13.5644 by changing the saturation by 10% instead.


 24.8610, 22.2000,
13.5644


 24.8610, 22.2000,
13.5644

269.5054,
263.5889, 225.8372


 16.1017, 14.0039,
7.6831


 50.8762, 47.0763,
33.0200


 9.6875, 8.1234,
3.8080


 68.8627, 64.5254,
47.4314

 5.2529, 4.1740,
1.5206


 90.6558, 85.8276,
65.5232

 2.4327, 1.7714,
0.2332

 116.6206,
111.3672, 87.7139

 0.8614, 0.4692,
0.0000

147.1227,
141.5288, 114.4221

 0.0000, 0.0000,
0.0000

182.5272,

176.6967, 146.0664

223.1997,
217.2553, 183.0653

■ 24.8610, 22.2000,
13.5644

■ 24.8610, 22.2000,
13.5644

■ 22.9124, 19.3864,
9.5743

■ 27.1417, 25.4119,
18.4849

■ 21.2773, 16.9518,
6.4535

■ 29.7683, 29.0341,
24.3887

■ 19.9378, 14.8797,
4.1358

■ 32.7560, 33.0821,
31.3265

■ 18.8731, 13.1513,
2.5447

■ 36.1183, 37.5693,
39.3448

■ 18.0590, 11.7453,
1.5881

■ 39.8682, 42.5090,
48.4875

■ 17.6854, 11.0816,
1.2068

■ 44.0180, 47.9134,
58.7961

■ 48.5793, 53.7945,
70.3097

■ 53.5634, 60.1639,
83.0658

■ 58.9811, 67.0327,
97.1001

Harmonies

Analogous

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



26.8544, 22.2000, 18.7326



24.8610, 22.2000, 13.5644



21.9749, 22.2000, 11.3854

Triad

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



24.8610, 22.2000, 13.5644



15.9649, 22.2000, 21.7846



23.2312, 22.2000, 42.7420

Complementary

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



24.8610, 22.2000, 13.5644



21.9025, 25.4941, 41.3026

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.



20.2495, 22.2000, 44.1028



24.8610, 22.2000, 13.5644



16.2333, 22.2000, 30.5740

Square

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



24.8610, 22.2000, 13.5644



16.9685, 22.2000, 15.3492



17.7396, 22.2000, 39.2301



25.8540, 22.2000, 35.8569

Rectangle

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



24.8610, 22.2000, 13.5644



20.0084, 22.2000, 11.4616



17.7396, 22.2000, 39.2301



22.2315, 22.2000, 43.9155

Sweetspot

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



24.8616, 22.2011, 13.5648



59.3194, 60.1283, 57.6492



25.4952, 18.4927, 29.1151



12.6650, 12.7504, 11.9431



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.8616, 22.2011, 13.5648



41.1731, 34.9225, 17.4213



30.1456, 32.7692, 15.3262



7.7198, 7.9197, 7.9110



13.2246, 8.3465, 0.9140



0.3676, 0.2947, 0.0375

Inverse Universe

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



21.9025, 25.4941, 41.3026



35.1761, 41.5154, 73.3844



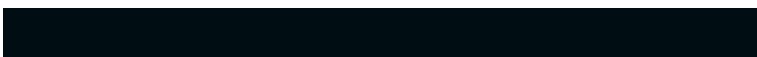
17.1140, 15.9170, 39.7064



7.5421, 8.1211, 9.5884



9.9489, 11.3580, 29.6434



0.2852, 0.3626, 0.7356

Previews

White Background



This preview shows how the XYZ color 24.8610, 22.2000, 13.5644 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 24.8610, 22.2000, 13.5644 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 24.8610, 22.2000, 13.5644

Background



This preview shows how black text looks on a background with the XYZ color 24.8610, 22.2000, 13.5644.



This preview shows how white text looks on a background with the XYZ color 24.8610, 22.2000,

13.5644.

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

24.8610, 22.2000, 13.5644

Protanopia

20.8822, 22.3551, 15.0187

Deuteranopia

22.6358, 22.3276, 13.4725



Tritanopia

26.6057, 22.2353, 21.6285

Trichromacy



Original Color

24.8610, 22.2000, 13.5644

Protanomaly

22.1962, 22.2688, 14.4377

Deuteranomaly

23.2334, 22.0803, 13.3933

Tritanomaly

25.8500, 22.0892, 18.2304

Monochromacy



Original Color

24.8610, 22.2000, 13.5644

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.4079, 22.2495, 20.2531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8610, 22.2000, 13.5644 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(169, 118, 94)` looks like.

```
.text, #text, p{  
    color:rgb(169, 118, 94)  
}
```

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(169, 118, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 118, 94) }
```

Border

The CSS property to change the border of an element to XYZ 24.8610, 22.2000, 13.5644 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(169, 118, 94) }
```


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

```
.border{ border-color:rgb(169, 118, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 118, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 118, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 118, 94);  
box-shadow:4px 4px 4px 4px rgb(169, 118,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8610, 22.2000, 13.5644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 118, 94) }
```

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

```
.background{ background-color: rgb(169,  
118, 94) }
```

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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