

Converting Colors

XYZ(24.4112, 25.0767, 14.1299)

Have a look what the booklet for
XYZ(24.4112, 25.0767, 14.1299)
contains.

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Color

**XYZ(24.4501, 25.0264,
14.1316)**

Conversions

Conversions Part 1

Format	Color
Hex	9D865E
RGB	157, 134, 94
RGB Percent	62%, 53%, 37%
CMY	0.3843, 0.4745, 0.6314
CMYK	0.00, 0.15, 0.40, 0.38
HSL	38°, 25%, 49%
HSV	38°, 40%, 62%
XYZ	24.4501, 25.0264, 14.1316
YIQ	136.3170, 26.5480, -7.5640

Conversions

Conversions Part 2

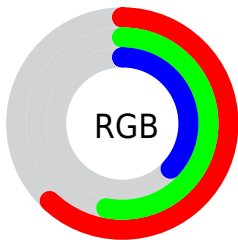
Format	Color
R_{YB}	130, 157, 94
Decimal	10323550
CIE _{Lab}	57.10, 2.90, 24.78
CIE _{LCh}	57, 24.945, 83.320
Yxy	25.0264, 0.3844, 0.3934
Android (android.graphics.Color)	4288513630 (0xFF9D865E)
YUV	136.3170, -20.8623, 18.1390
Hunter-Lab	50.0264, -0.3054, 18.2701

Details

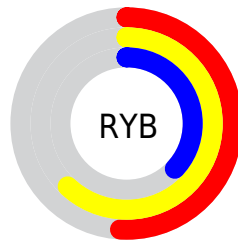
The XYZ color **24.4501, 25.0264, 14.1316** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0630, 17.5361, 34.3838**, and the grayscale version is **23.5900, 24.8185, 27.0274**.

A 20% lighter version of the original color is **50.3217, 51.7311, 34.1209**, and **9.4705, 9.6453, 4.0519** is the 20% darker color. If you saturate the color by 10%, you get **23.0455, 23.2322, 10.5341**, and if you desaturate by 10%, it is **26.0423, 26.9662, 18.4992**.

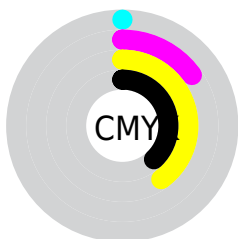
Distribution



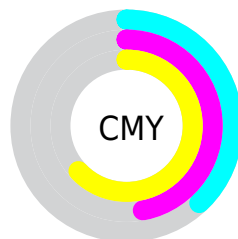
- Red (62%)
- Green (53%)
- Blue (37%)



- Red (51%)
- Yellow (62%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4501, 25.0264, 14.1316 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 24.4501, 25.0264, 14.1316 by changing the saturation by 10% instead.

■ 24.4501, 25.0264,
14.1316

■ 24.4501, 25.0264,
14.1316

267.4866,
277.9694, 229.5048

■ 15.7944, 16.0967,
8.0725

■ 50.2131, 51.7000,
34.0428

■ 9.4687, 9.5926,
4.0529

■ 68.0510, 70.2128,
48.7320

■ 5.1077, 5.1297,
1.6544

■ 89.6804, 92.6887,
67.1349

■ 2.3460, 2.3236,
0.3292

■ 115.4666,
119.5122, 89.6702

■ 0.8180, 0.7861,
0.0000

145.7750,
151.0676, 116.7562

■ 0.0000, 0.0000,
0.0000

180.9709,

187.7393, 148.8116

221.4196,
229.9118, 186.2550

■ 24.4501, 25.0264,
14.1316

■ 24.4501, 25.0264,
14.1316

■ 23.0455, 23.2322,
10.5341

■ 26.0423, 26.9662,
18.4992

■ 21.8170, 21.5751,
7.6590

■ 27.8287, 29.0525,
23.6777

■ 20.7551, 20.0512,
5.4553

■ 29.8182, 31.2908,
29.7070

■ 19.8478, 18.6545,
3.8649

■ 32.0182, 33.6851,
36.6238

■ 19.0817, 17.3785,
2.8196

■ 34.4359, 36.2392,
44.4626

■ 18.4322, 16.2233,
2.1599

■ 37.0781, 38.9569,
53.2561

■ 39.9512, 41.8416,
63.0354

■ 43.0614, 44.8968,
73.8301

■ 46.4146, 48.1257,
85.6687

Harmonies

Analogous

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



27.3237, 25.0264, 16.2243



24.4501, 25.0264, 14.1316



21.6198, 25.0264, 14.9284

Triad

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



24.4501, 25.0264, 14.1316



18.9669, 25.0264, 34.1694



28.6114, 25.0264, 38.1021

Complementary

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



24.4501, 25.0264, 14.1316



17.0630, 17.5361, 34.3838

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.



26.0941, 25.0264, 44.9716



24.4501, 25.0264, 14.1316



20.5692, 25.0264, 42.3940

Square

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



24.4501, 25.0264, 14.1316



18.6054, 25.0264, 25.4104



23.1357, 25.0264, 46.6853



29.8507, 25.0264, 29.1753

Rectangle

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



24.4501, 25.0264, 14.1316



20.1176, 25.0264, 17.0918



23.1357, 25.0264, 46.6853



27.8771, 25.0264, 40.7972

Sweetspot

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



24.4507, 25.0276, 14.1321



52.6207, 55.1721, 50.8000



21.1243, 16.4605, 18.9246



11.4844, 12.0349, 10.8895



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.



24.4507, 25.0276, 14.1321



41.5576, 41.9798, 19.5701



26.3990, 31.2742, 15.2351



6.9664, 7.3128, 7.0300



15.0064, 13.2484, 1.7663



0.3074, 0.3150, 0.0446

Inverse Universe

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



17.0630, 17.5361, 34.3838



26.4992, 26.7222, 60.8880



15.6137, 13.2883, 33.6403



6.4731, 6.8120, 8.3804



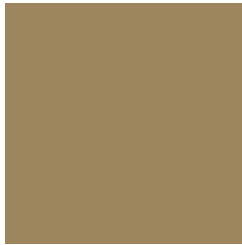
6.1764, 4.4443, 26.4395



0.1490, 0.1566, 0.4856

Previews

White Background



This preview shows how the XYZ color 24.4501, 25.0264, 14.1316 looks on a white background.

Color Contrast Check

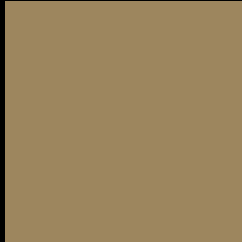
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4501, 25.0264, 14.1316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

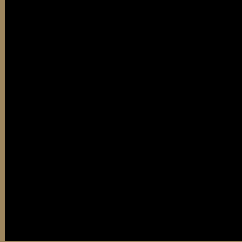
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4501, 25.0264, 14.1316

Background



This preview shows how black text looks on a background with the XYZ color 24.4501, 25.0264, 14.1316.



This preview shows how white text looks on a background with the XYZ color 24.4501, 25.0264,

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

24.4501, 25.0264, 14.1316

Protanopia

23.2240, 25.0134, 14.4305

Deuteranopia

25.4917, 24.9513, 14.2990



Tritanopia

27.2069, 24.9547, 27.4275

Trichromacy



Original Color

24.4501, 25.0264, 14.1316

Protanomaly

23.6322, 25.0139, 14.4091

Deuteranomaly

25.0148, 24.9058, 14.3154

Tritanomaly

25.9927, 24.8440, 21.8378

Monochromacy



Original Color

24.4501, 25.0264, 14.1316

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6168, 24.6377, 21.6000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4501, 25.0264, 14.1316 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(157, 134, 94)` looks like.

```
.text, #text, p{  
    color:rgb(157, 134, 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(157, 134, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 134, 94) }
```

Border

The CSS property to change the border of an element to XYZ 24.4501, 25.0264, 14.1316 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(157, 134, 94) }
```


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

```
.border{ border-color:rgb(157, 134, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 134, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 134, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 134, 94);  
box-shadow:4px 4px 4px 4px rgb(157, 134,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4501, 25.0264, 14.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 134, 94) }
```

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

```
.background{ background-color: rgb(157,  
134, 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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