

Converting Colors

XYZ(24.9107, 24.6139, 13.9787)

Have a look what the booklet for
XYZ(24.9107, 24.6139, 13.9787)
contains.

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Color

**XYZ(25.0370, 24.7221,
14.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	A2835E
RGB	162, 131, 94
RGB Percent	64%, 51%, 37%
CMY	0.3647, 0.4863, 0.6314
CMYK	0.00, 0.19, 0.42, 0.36
HSL	33°, 27%, 50%
HSV	33°, 42%, 64%
XYZ	25.0370, 24.7221, 14.0419
YIQ	136.0510, 30.3530, -4.9350

Conversions

Conversions Part 2

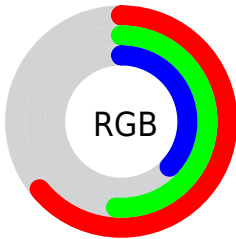
Format	Color
RYB	151, 162, 94
Decimal	10650462
CIELab	56.80, 6.71, 24.48
CIELCh	57, 25.380, 74.674
Yxy	24.7221, 0.3924, 0.3875
Android (android.graphics.Color)	4288840542 (0xFFA2835E)
YUV	136.0510, -20.7311, 22.7573
Hunter-Lab	49.7213, 2.8707, 18.0607

Details

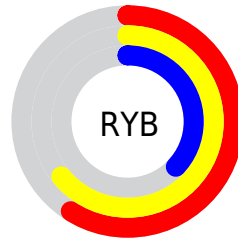
The XYZ color **25.0370, 24.7221, 14.0419** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4711, 19.6550, 37.0028**, and the grayscale version is **23.4886, 24.7118, 26.9112**.

A 20% lighter version of the original color is **51.1648, 51.2307, 33.9799**, and **9.8371, 9.4910, 4.0028** is the 20% darker color. If you saturate the color by 10%, you get **23.4284, 22.5487, 10.2879**, and if you desaturate by 10%, it is **26.8701, 27.1002, 18.6240**.

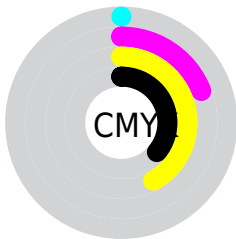
Distribution



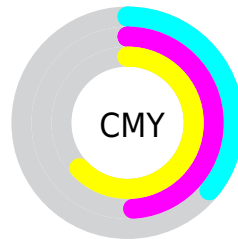
- Red (64%)
- Green (51%)
- Blue (37%)



- Red (59%)
- Yellow (64%)
- Blue (37%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0370, 24.7221, 14.0419 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 25.0370, 24.7221, 14.0419 by changing the saturation by 10% instead.

■ 25.0370, 24.7221,
14.0419

■ 25.0370, 24.7221,
14.0419

270.3664,
276.4511, 228.9288

■ 16.2335, 15.8701,
8.0107

■ 51.1597, 51.2060,
33.8816

■ 9.7814, 9.4323,
4.0139

■ 69.2096, 69.6068,
48.5271

■ 5.3154, 5.0242,
1.6330

■ 91.0724, 91.9592,
66.8812

■ 2.4701, 2.2615,
0.3142

■ 117.1134,
118.6478, 89.3624

■ 0.8802, 0.7532,
0.0000

147.6979,
150.0569, 116.3892

■ 0.0000, 0.0000,
0.0000

183.1913,

186.5709, 148.3802

223.9590,
228.5742, 185.7539

■ 25.0370, 24.7221,
14.0419

■ 25.0370, 24.7221,
14.0419

■ 23.4284, 22.5487,
10.2879

■ 26.8701, 27.1002,
18.6240

■ 22.0315, 20.5699,
7.3095

■ 28.9361, 29.6860,
24.0796

■ 20.8345, 18.7794,
5.0500

■ 31.2451, 32.4866,
30.4523

■ 19.8237, 17.1692,
3.4447

■ 33.8061, 35.5077,
37.7825

■ 18.9830, 15.7304,
2.4166

■ 36.6274, 38.7548,
46.1081

■ 18.4028, 14.6864,
1.8648

■ 39.7171, 42.2330,
55.4649

■ 43.0827, 45.9476,
65.8872

■ 46.7317, 49.9032,
77.4072

■ 50.6709, 54.1047,
90.0561

Harmonies

Analogous

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



27.7896, 24.7221, 16.9929



25.0370, 24.7221, 14.0419



22.0828, 24.7221, 14.0107

Triad

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



25.0370, 24.7221, 14.0419



18.4025, 24.7221, 31.2698



27.7383, 24.7221, 40.2790

Complementary

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



25.0370, 24.7221, 14.0419



18.4711, 19.6550, 37.0028

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.



24.9716, 24.7221, 46.0048



25.0370, 24.7221, 14.0419



19.6720, 24.7221, 40.1073

Square

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



25.0370, 24.7221, 14.0419



18.4168, 24.7221, 22.8289



22.0227, 24.7221, 45.9361



29.4362, 24.7221, 31.4687

Rectangle

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



25.0370, 24.7221, 14.0419



20.4011, 24.7221, 15.5990



22.0227, 24.7221, 45.9361



26.8926, 24.7221, 42.7032

Sweetspot

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



25.0376, 24.7233, 14.0424



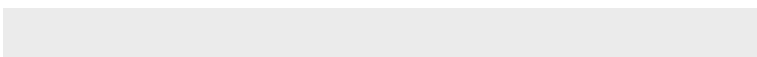
56.1648, 58.3080, 53.7163



22.6519, 17.1865, 21.7723



12.4086, 12.8481, 11.4908



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.0376, 24.7233, 14.0424



42.8134, 41.3228, 19.3076



29.3848, 34.0951, 15.6222



7.3781, 7.6947, 7.4764



14.5416, 11.6572, 1.4836



0.3521, 0.3380, 0.0467

Inverse Universe

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



18.4711, 19.6550, 37.0028



29.3287, 30.9215, 66.4788



15.3765, 13.1156, 35.9037



6.9540, 7.3670, 8.9585



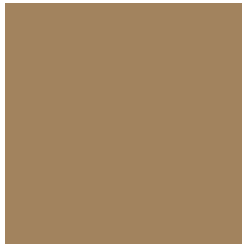
7.1010, 5.9815, 27.7101



0.1963, 0.2198, 0.5979

Previews

White Background



This preview shows how the XYZ color 25.0370, 24.7221, 14.0419 looks on a white background.

Color Contrast Check

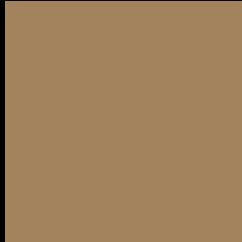
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0370, 24.7221, 14.0419 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 25.0370, 24.7221, 14.0419

Background



This preview shows how black text looks on a background with the XYZ color 25.0370, 24.7221, 14.0419.



This preview shows how white text looks on a background with the XYZ color 25.0370, 24.7221,

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

25.0370, 24.7221, 14.0419

Protanopia

22.9481, 24.6559, 14.6159

Deuteranopia

25.2409, 24.8273, 14.0515



Tritanopia

27.5599, 24.7780, 26.2517

Trichromacy



Original Color

25.0370, 24.7221, 14.0419

Protanomaly

23.5396, 24.5518, 14.3248

Deuteranomaly

25.2409, 24.8273, 14.0515

Tritanomaly

26.6264, 24.7937, 21.1516

Monochromacy



Original Color

25.0370, 24.7221, 14.0419

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6533, 24.4504, 21.5619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0370, 24.7221, 14.0419 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(162, 131, 94)` looks like.

```
.text, #text, p{  
    color:rgb(162, 131, 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(162, 131, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 131, 94) }
```

Border

The CSS property to change the border of an element to XYZ 25.0370, 24.7221, 14.0419 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(162, 131, 94) }
```


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

```
.border{ border-color:rgb(162, 131, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 131, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 131, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 131, 94);  
box-shadow:4px 4px 4px 4px rgb(162, 131,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0370, 24.7221, 14.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 131, 94) }
```

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

```
.background{ background-color: rgb(162,  
131, 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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