

Converting Colors

XYZ(24.0971, 24.4158, 14.1785)

Have a look what the booklet for
XYZ(24.0971, 24.4158, 14.1785)
contains.

XYZ(24.2215, 24.4969, 14.2782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2215, 24.4969,
14.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	9D845F
RGB	157, 132, 95
RGB Percent	62%, 52%, 37%
CMY	0.3843, 0.4823, 0.6274
CMYK	0.00, 0.16, 0.39, 0.38
HSL	36°, 25%, 49%
HSV	36°, 39%, 62%
XYZ	24.2215, 24.4969, 14.2782
YIQ	135.2570, 26.7770, -6.2070

Conversions

Conversions Part 2

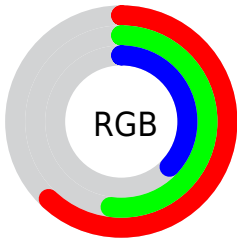
Format	Color
R_{YB}	137, 157, 95
Decimal	10323039
CIE _{Lab}	56.58, 4.15, 23.53
CIE _{LCh}	57, 23.894, 80.008
Yxy	24.4969, 0.3845, 0.3889
Android (android.graphics.Color)	4288513119 (0xFF9D845F)
YUV	135.2570, -19.8467, 19.0686
Hunter-Lab	49.4943, 0.7391, 17.5420

Details

The XYZ color **24.2215, 24.4969, 14.2782** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5214, 18.2995, 34.5071**, and the grayscale version is **23.1896, 24.3973, 26.5686**.

A 20% lighter version of the original color is **49.9778, 50.9194, 34.3884**, and **9.3357, 9.3430, 4.1076** is the 20% darker color. If you saturate the color by 10%, you get **22.7462, 22.5756, 10.6134**, and if you desaturate by 10%, it is **25.8939, 26.5822, 18.7189**.

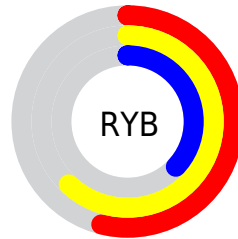
Distribution



Red (62%)

Green (52%)

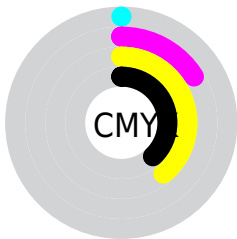
Blue (37%)



Red (54%)

Yellow (62%)

Blue (37%)

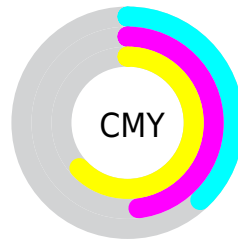


Cyan (0%)

Magenta (16%)

Yellow (39%)

Black (38%)



Cyan (38%)


Magenta (48%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2215, 24.4969, 14.2782 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 24.2215, 24.4969, 14.2782 by changing the saturation by 10% instead.


 24.2215, 24.4969,
14.2782


 24.2215, 24.4969,
14.2782

266.3581,
275.3231, 230.4430


 15.6236, 15.7026,
8.1735

 49.8435, 50.8399,
34.3060

 9.3474, 9.3140,
4.1168


 67.5983, 69.1573,
49.0662

 5.0274, 4.9465,
1.6896

 89.1361, 91.4180,
67.5486

 2.2983, 2.2159,
0.3536

 114.8223,
118.0063, 90.1718

 0.7938, 0.7287,
0.0000

145.0223,
149.3065, 117.3543

 0.0000, 0.0000,
0.0000

180.1013,

185.7032, 149.5146

220.4248,
227.5805, 187.0714

■ 24.2215, 24.4969,
14.2782

■ 24.2215, 24.4969,
14.2782

■ 22.7462, 22.5756,
10.6134

■ 25.8939, 26.5822,
18.7189

■ 21.4567, 20.8096,
7.6770

■ 27.7706, 28.8330,
23.9763

■ 20.3429, 19.1943,
5.4183

■ 29.8603, 31.2553,
30.0901

■ 19.3931, 17.7234,
3.7797

■ 32.1708, 33.8533,
37.0969

■ 18.5933, 16.3898,
2.6936

■ 34.7095, 36.6315,
45.0311

■ 17.9141, 15.1799,
2.0088

■ 37.4833, 39.5939,
53.9255

■ 17.8810, 15.1208,
1.9762

■ 40.4988, 42.7444,
63.8111

■ 43.7625, 46.0868,
74.7175

■ 47.2803, 49.6248,
86.6732

Harmonies

Analogous

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



26.8832, 24.4969, 16.5963



24.2215, 24.4969, 14.2782



21.5055, 24.4969, 14.7383

Triad

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



24.2215, 24.4969, 14.2782



18.6219, 24.4969, 32.2496



27.6146, 24.4969, 37.7463

Complementary

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



24.2215, 24.4969, 14.2782



17.5214, 18.2995, 34.5071

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.



25.1570, 24.4969, 43.7591



24.2215, 24.4969, 14.2782



20.0205, 24.4969, 40.1743

Square

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



24.2215, 24.4969, 14.2782



18.4149, 24.4969, 24.1089



22.3702, 24.4969, 44.7266



28.9426, 24.4969, 29.4126

Rectangle

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



24.2215, 24.4969, 14.2782



20.0195, 24.4969, 16.5984



22.3702, 24.4969, 44.7266



26.8845, 24.4969, 40.1705

Sweetspot

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



24.2221, 24.4980, 14.2787



52.4121, 54.7548, 50.7304



21.4380, 16.7292, 20.1350



11.4344, 11.9348, 10.8728



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.



24.2221, 24.4980, 14.2787



41.1323, 40.9573, 19.9585



27.0404, 31.5996, 15.5009



6.9456, 7.2712, 7.0231



14.5596, 12.3547, 1.6173



0.3010, 0.3023, 0.0425

Inverse Universe

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



17.5214, 18.2995, 34.5071



27.4969, 28.3530, 61.1502



15.4522, 13.3379, 33.6584



6.4933, 6.8523, 8.3871



6.4344, 4.9603, 26.5255



0.1553, 0.1693, 0.4877

Previews

White Background



This preview shows how the XYZ color 24.2215, 24.4969, 14.2782 looks on a white background.

Color Contrast Check

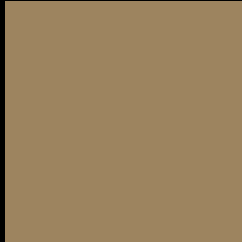
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2215, 24.4969, 14.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

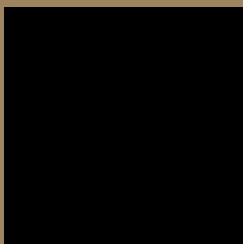
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2215, 24.4969, 14.2782

Background



This preview shows how black text looks on a background with the XYZ color 24.2215, 24.4969, 14.2782.



This preview shows how white text looks on a background with the XYZ color 24.2215, 24.4969,

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

24.2215, 24.4969, 14.2782

Protanopia

22.8159, 24.5824, 14.8516

Deuteranopia

24.9485, 24.4729, 14.2353



Tritanopia

26.7312, 24.5334, 26.6191

Trichromacy



Original Color

24.2215, 24.4969, 14.2782

Protanomaly

23.3530, 24.6565, 14.5947

Deuteranomaly

24.6791, 24.5324, 14.2610

Tritanomaly

25.7987, 24.5546, 21.4689

Monochromacy



Original Color

24.2215, 24.4969, 14.2782

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2430, 24.2459, 21.2242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2215, 24.4969, 14.2782 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, 132, 95)` looks like.

```
.text, #text, p{  
    color:rgb(157, 132, 95)  
}
```

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, 132, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 132, 95) }
```

Border

The CSS property to change the border of an element to XYZ 24.2215, 24.4969, 14.2782 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, 132, 95) }
```


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

```
.border{ border-color:rgb(157, 132, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 132, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 132, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 132, 95);  
box-shadow:4px 4px 4px 4px rgb(157, 132,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2215, 24.4969, 14.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 132, 95) }
```

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

```
.background{ background-color: rgb(157,  
132, 95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor