

Converting Colors

XYZ(22.4113, 24.8532, 14.7259)

Have a look what the booklet for
XYZ(22.4113, 24.8532, 14.7259)
contains.

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Color

**XYZ(22.3551, 24.7723,
14.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8A60
RGB	142, 138, 96
RGB Percent	56%, 54%, 38%
CMY	0.4431, 0.4588, 0.6235
CMYK	0.00, 0.03, 0.32, 0.44
HSL	55°, 19%, 47%
HSV	55°, 32%, 56%
XYZ	22.3551, 24.7723, 14.6696
YIQ	134.4080, 15.8660, -12.2140

Conversions

Conversions Part 2

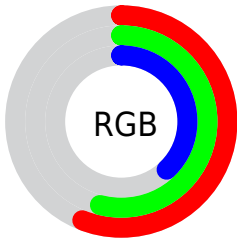
Format	Color
RYB	100, 142, 96
Decimal	9341536
CIELab	56.85, -5.38, 23.08
CIELCh	57, 23.698, 103.129
Yxy	24.7723, 0.3618, 0.4009
Android (android.graphics.Color)	4287531616 (0xFF8E8A60)
YUV	134.4080, -18.9351, 6.6582
Hunter-Lab	49.7718, -6.9270, 17.3653

Details

The XYZ color **22.3551, 24.7723, 14.6696** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.2634, 13.5536, 27.4555**, and the grayscale version is **22.8743, 24.0655, 26.2073**.

A 20% lighter version of the original color is **46.6622, 51.1039, 35.0084**, and **8.3585, 9.4253, 4.2845** is the 20% darker color. If you saturate the color by 10%, you get **21.5838, 24.1831, 11.4733**, and if you desaturate by 10%, it is **23.2478, 25.4150, 18.4897**.

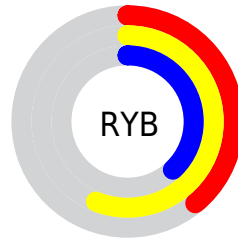
Distribution



Red (56%)

Green (54%)

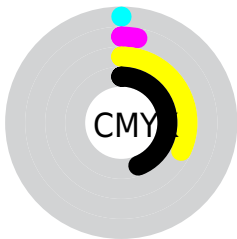
Blue (38%)



Red (39%)

Yellow (56%)

Blue (38%)

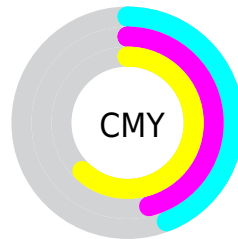


Cyan (0%)

Magenta (3%)

Yellow (32%)

Black (44%)



Cyan (44%)

Magenta (46%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3551, 24.7723, 14.6696 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 22.3551, 24.7723, 14.6696 by changing the saturation by 10% instead.

■ 22.3551, 24.7723,
14.6696

■ 22.3551, 24.7723,
14.6696

256.9928,
276.7021, 232.9291

■ 14.2361, 15.9075,
8.4438

■ 46.8067, 51.2876,
35.0066

■ 8.3679, 9.4587,
4.2884

■ 63.8700, 69.7069,
49.9548

■ 4.3850, 5.0416,
1.7849

■ 84.6455, 92.0797,
68.6476

■ 1.9222, 2.2717,
0.4179

■ 109.4985,
118.7906, 91.5036

■ 0.5897, 0.7587,
0.0000

138.7944,
150.2239, 118.9411

■ 0.0000, 0.0000,
0.0000

172.8985,

186.7640, 151.3789

212.1762,
228.7952, 189.2353

■ 22.3551, 24.7723,
14.6696

■ 22.3551, 24.7723,
14.6696

■ 21.5838, 24.1831,
11.4733

■ 23.2478, 25.4150,
18.4897

■ 20.9256, 23.6414,
8.8656

■ 24.2659, 26.1103,
22.9629

■ 20.3743, 23.1457,
6.8105

■ 25.4155, 26.8614,
28.1188

■ 19.9220, 22.6928,
5.2671

■ 26.7018, 27.6704,
33.9846

■ 19.5599, 22.2791,
4.1892

■ 28.1297, 28.5394,
40.5858

■ 19.2776, 21.9006,
3.5218

■ 29.7039, 29.4701,
47.9471

■ 19.0934, 21.6269,
3.1681

■ 31.4287, 30.4643,
56.0916

■ 33.3084, 31.5238,
65.0417

■ 35.3471, 32.6502,
74.8188

Harmonies

Analogous

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



25.1265, 24.7723, 14.8422



22.3551, 24.7723, 14.6696



20.0858, 24.7723, 17.2947

Triad

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



22.3551, 24.7723, 14.6696



19.8653, 24.7723, 38.8139



29.0239, 24.7723, 31.6504

Complementary

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



22.3551, 24.7723, 14.6696



14.2634, 13.5536, 27.4555

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.



27.3809, 24.7723, 39.7192



22.3551, 24.7723, 14.6696



22.0319, 24.7723, 44.3790

Square

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



22.3551, 24.7723, 14.6696



18.7262, 24.7723, 30.5914



24.7771, 24.7723, 44.7395



29.1276, 24.7723, 23.6515

Rectangle

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



22.3551, 24.7723, 14.6696



19.1031, 24.7723, 20.6443



24.7771, 24.7723, 44.7395



28.6278, 24.7723, 34.4782

Sweetspot

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



22.3557, 24.7734, 14.6701



43.2139, 46.3244, 42.3758



17.6677, 15.0485, 14.1832



9.5985, 10.3112, 9.2266



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.3557, 24.7734, 14.6701



38.3932, 42.9054, 21.5861



20.0389, 24.4459, 14.7290



5.8001, 6.2064, 5.7816



17.1497, 19.4312, 2.8467



0.1716, 0.2010, 0.0298

Inverse Universe

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



14.2634, 13.5536, 27.4555



21.7953, 19.8962, 47.8195



16.0571, 13.9233, 27.4323



5.1649, 5.3257, 6.7845



4.5121, 2.0102, 23.1273



0.0491, 0.0312, 0.2231

Previews

White Background



This preview shows how the XYZ color 22.3551, 24.7723, 14.6696 looks on a white background.

Color Contrast Check

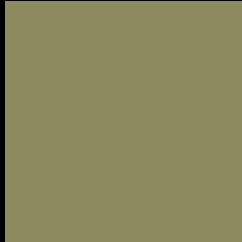
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3551, 24.7723, 14.6696 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 22.3551, 24.7723, 14.6696

Background



This preview shows how black text looks on a background with the XYZ color 22.3551, 24.7723, 14.6696.



This preview shows how white text looks on a background with the XYZ color 22.3551, 24.7723,

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

22.3551, 24.7723, 14.6696

Protanopia

22.9023, 24.6376, 14.3749

Deuteranopia

25.2212, 24.7958, 15.0120



Tritanopia

25.3465, 24.7514, 29.0328

Trichromacy



Original Color

22.3551, 24.7723, 14.6696

Protanomaly

22.6883, 24.7373, 14.4054

Deuteranomaly

24.2003, 24.8818, 14.8364

Tritanomaly

24.0808, 24.6419, 22.8892

Monochromacy



Original Color

22.3551, 24.7723, 14.6696

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.3707, 24.0024, 21.2232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3551, 24.7723, 14.6696 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(142, 138, 96)` looks like.

```
.text, #text, p{  
    color:rgb(142, 138, 96)  
}
```

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(142, 138, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 138, 96) }
```

Border

The CSS property to change the border of an element to XYZ 22.3551, 24.7723, 14.6696 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(142, 138, 96) }
```


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

```
.border{ border-color:rgb(142, 138, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 138, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 138, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 138, 96);  
box-shadow:4px 4px 4px 4px rgb(142, 138,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3551, 24.7723, 14.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 138, 96) }
```

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

```
.background{ background-color: rgb(142,  
138, 96) }
```

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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