

Converting Colors

XYZ(24.0573, 24.4716, 14.0453)

Have a look what the booklet for
XYZ(24.0573, 24.4716, 14.0453)
contains.

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Color

**XYZ(23.9819, 24.3786,
14.0312)**

Conversions

Conversions Part 1

Format	Color
Hex	9C845E
RGB	156, 132, 94
RGB Percent	61%, 52%, 37%
CMY	0.3882, 0.4823, 0.6314
CMYK	0.00, 0.15, 0.40, 0.39
HSL	37°, 25%, 49%
HSV	37°, 40%, 61%
XYZ	23.9819, 24.3786, 14.0312
YIQ	134.8440, 26.5020, -6.7300

Conversions

Conversions Part 2

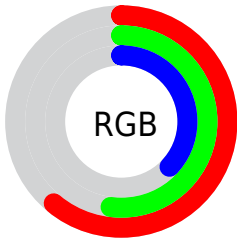
Format	Color
RYB	133, 156, 94
Decimal	10257502
CIELab	56.46, 3.60, 23.92
CIELCh	56, 24.189, 81.438
Yxy	24.3786, 0.3844, 0.3907
Android (android.graphics.Color)	4288447582 (0xFF9C845E)
YUV	134.8440, -20.1361, 18.5538
Hunter-Lab	49.3747, 0.2940, 17.7134

Details

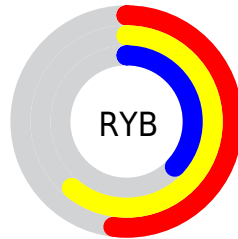
The XYZ color **23.9819, 24.3786, 14.0312** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0950, 17.7361, 33.9748**, and the grayscale version is **23.0372, 24.2369, 26.3940**.

A 20% lighter version of the original color is **49.6112, 50.7393, 33.9669**, and **9.1999, 9.2753, 3.9948** is the 20% darker color. If you saturate the color by 10%, you get **22.5564, 22.5369, 10.4446**, and if you desaturate by 10%, it is **25.5975, 26.3740, 18.3798**.

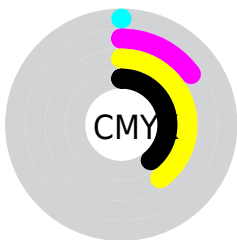
Distribution



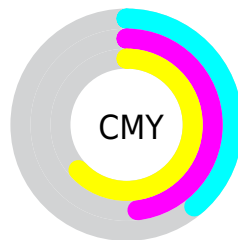
- Red (61%)
- Green (52%)
- Blue (37%)



- Red (52%)
- Yellow (61%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (39%)





- Cyan (39%)
- Magenta (48%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9819, 24.3786, 14.0312 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 23.9819, 24.3786, 14.0312 by changing the saturation by 10% instead.


 23.9819, 24.3786,
14.0312


 23.9819, 24.3786,
14.0312


265.1711,
274.7290, 228.8600


 15.4449, 15.6147,
8.0034


 49.4556, 50.6473,
33.8623

 9.2205, 9.2519,
4.0093


 67.1229, 68.9209,
48.5027

 4.9436, 4.9059,
1.6304

 88.5643, 91.1332,
66.8509

 2.2486, 2.1921,
0.3124

 114.1453,
117.6686, 89.3257

 0.7682, 0.7157,
0.0000

144.2311,
148.9115, 116.3454

 0.0000, 0.0000,
0.0000

179.1871,

185.2463, 148.3287

219.3787,
227.0573, 185.6940

■ 23.9819, 24.3786,
14.0312

■ 23.9819, 24.3786,
14.0312

■ 22.5564, 22.5369,
10.4446

■ 25.5975, 26.3740,
18.3798

■ 21.3098, 20.8404,
7.5730

■ 27.4101, 28.5244,
23.5305

■ 20.2324, 19.2848,
5.3666

■ 29.4282, 30.8352,
29.5225

■ 19.3127, 17.8643,
3.7685

■ 31.6595, 33.3108,
36.3918

■ 18.5371, 16.5719,
2.7119

■ 34.1110, 35.9551,
44.1724

■ 17.8751, 15.3941,
2.0408

■ 36.7896, 38.7720,
52.8965

■ 17.8588, 15.3649,
2.0245

■ 39.7016, 41.7651,
62.5945

■ 42.8533, 44.9380,
73.2958

■ 46.2506, 48.2942,
85.0283

Harmonies

Analogous

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



26.6915, 24.3786, 16.2219



23.9819, 24.3786, 14.0312



21.2588, 24.3786, 14.6243

Triad

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



23.9819, 24.3786, 14.0312



18.5128, 24.3786, 32.5871



27.6405, 24.3786, 37.3613

Complementary

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



23.9819, 24.3786, 14.0312



17.0950, 17.7361, 33.9748

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.



25.1948, 24.3786, 43.6362



23.9819, 24.3786, 14.0312



19.9748, 24.3786, 40.5164

Square

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



23.9819, 24.3786, 14.0312



18.2451, 24.3786, 24.3143



22.3788, 24.3786, 44.8945



28.9124, 24.3786, 28.9064

Rectangle

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



23.9819, 24.3786, 14.0312



19.7879, 24.3786, 16.5826



22.3788, 24.3786, 44.8945



26.9195, 24.3786, 39.8608

Sweetspot

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



23.9825, 24.3797, 14.0317



52.5002, 54.9310, 50.7598



21.0309, 16.4006, 19.4472



11.4555, 11.9771, 10.8799



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.



23.9825, 24.3797, 14.0317



41.1622, 41.1891, 19.4383



26.4497, 31.0501, 15.1892



6.9544, 7.2888, 7.0260



14.7445, 12.7246, 1.6790



0.3037, 0.3077, 0.0434

Inverse Universe

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



17.0950, 17.7361, 33.9748



26.8224, 27.3686, 60.9957



15.2813, 13.1267, 33.1806



6.4847, 6.8352, 8.3842



6.3218, 4.7350, 26.4880



0.1527, 0.1639, 0.4868

Previews

White Background



This preview shows how the XYZ color 23.9819, 24.3786, 14.0312 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 23.9819, 24.3786, 14.0312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

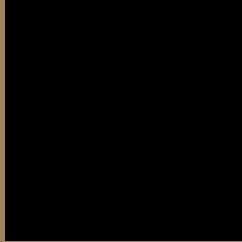
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9819, 24.3786, 14.0312

Background



This preview shows how black text looks on a background with the XYZ color 23.9819, 24.3786, 14.0312.



This preview shows how white text looks on a background with the XYZ color 23.9819, 24.3786,

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

23.9819, 24.3786, 14.0312

Protanopia

22.5836, 24.2652, 14.3198

Deuteranopia

24.9033, 24.4548, 13.9974



Tritanopia

26.5305, 24.4299, 26.6097

Trichromacy



Original Color

23.9819, 24.3786, 14.0312

Protanomaly

23.1683, 24.3604, 14.3074

Deuteranomaly

24.6339, 24.5143, 14.0231

Tritanomaly

25.5995, 24.4519, 21.4596

Monochromacy



Original Color

23.9819, 24.3786, 14.0312

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 23.9819, 24.3786, 14.0312 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(156, 132, 94)` looks like.

```
.text, #text, p{  
    color:rgb(156, 132, 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(156, 132, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 132, 94) }
```

Border

The CSS property to change the border of an element to XYZ 23.9819, 24.3786, 14.0312 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(156, 132, 94) }
```


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

```
.border{ border-color:rgb(156, 132, 94) }
```

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

Here you see how a box with a 4 pixel rgb(156, 132, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 132, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 132, 94);  
box-shadow:4px 4px 4px 4px rgb(156, 132,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9819, 24.3786, 14.0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 132, 94) }
```

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

```
.background{ background-color: rgb(156,  
132, 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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